

## Ford Foundation awards five-year grant to MIT

MIT recently received a \$500,000 five year grant from the Ford Foundation for use in assisting and in strengthening both the academic and administrative aspects of the Technical University of Berlin.

According to Shepard Stone, director of the Ford Foundation's International Affairs program, Berlin's Technical University is a significant "science and technology teaching and research center" for Berlin and many other parts of the world.

Shepard Stone further states, that the university which has been rebuilt since the war, "is reexamining its traditional practices to keep pace with fast-changing developments in science and technology. . . . it has plans to introduce teamwork in research projects, to broaden its humanities and social sciences programs, to expand some of its science departments, and to modernize administration."

MIT's assistance will be of primary importance in the faculty-exchange program between the two institutions. A maximum of twenty-five of the university's professors will come to MIT for an academic year of teaching and research.

In addition to studying American faculty and administrative techniques, the Berlin professors will also participate in various conferences and seminars. Likewise, several MIT professors will visit Berlin to take part in seminars and to act as research consultants.

The MIT professors will also give courses for the 265 member Berlin faculty on recent scientific and technological developments. These courses will be similar to those taught during the summer at MIT for professors from other universities.

The Technical University was a result of a merger in 1879 of two Berlin academies, one for architecture and the other for industrial studies.

## Steuer named as Carnegie head

by Chuck Kolb

Dr. H. Guyford Steuer, professor of aeronautics and astronautics and head of the Department of Mechanical Engineering and the Department of Naval Architecture and Marine Engineering, has been named as fifth president of Carnegie Institute of Technology. Dr. Steuer will succeed Dr. J. C. Warner, who retires after 15 years as the head of the Pittsburgh Institution.

Commenting on his selection as the new president of Carnegie Tech, Dr. Steuer said, "I feel deeply honored at having been asked to guide the progress of one of this country's leading centers of education and research."

Dr. Steuer is a graduate of Colgate University; he received a doctorate in physics in 1941 from the California Institute of Technology.

After receiving his doctorate Dr. Steuer came to MIT in 1941 as a staff member of the Radiation Laboratory. From 1942 to 1945 he served as Scientific Liaison Officer in London representing the National Defense Research Council in work on radar

and guided missiles. In addition, he was a member of various intelligence missions in France, The Netherlands, and Germany. In recognition of his contributions to the war effort, he was awarded the President's Certificate of Merit in 1948.

After the war, Dr. Steuer returned to MIT, becoming assistant professor aeronautical engineering in 1946, associate professor in 1951, and professor in 1956. He also served as associate dean of the School of Engineering from 1956 to 1959.

In 1955 and 1956 Dr. Steuer served as Chief Scientist of the U.S. Air Force while on leave of absence from MIT and received the Exceptional Civilian Award from the Air Force for his work.

Dr. Steuer has also served as chairman of the U.S. Air Force Scientific Advisory Board, a member of the NASA Research Advisory Committee on Missile and Space Vehicle Aerodynamics, and a member of the Executive Committee of the Defense Science Board.

Dr. Steuer is a member of the American Academy of Arts and



H. Guyford Steuer

Sciences, the American Physical Society, the American Institute of Aeronautics and Astronautics and Phi Beta Kappa.

## ASCE to honor Lambe

Dr. T. William Lambe will receive the 1964 Norman Medal of the American Society of Civil Engineers at its annual meeting in New York City on October 21.

Dr. Lambe, head of the division of soil mechanics, is a specialist in soil engineering and author of the textbook "Soil Testing for Engineers."

In addition to having won the A.S.C.E.'s Collingswood Prize (1951) and Arthur M. Wellington Prize (1961), Dr. Lambe was also awarded the Desmond Fitzgerald Medal of the Boston Society of Civil Engineers in 1954 and 1956.

The Norman Medal, established in 1872 to honor outstanding contributions to engineering science, is the highest award given by the A.S.C.E.

## Prof. McGregor dies in Concord of heart failure

Douglas M. McGregor, Sloan Fellows Professor of Industrial Management, died on Tuesday, October 13, at Emerson Hospital, Concord, following a heart attack at his home in Acton. Dr. McGregor was one of the nation's leading authorities on the study of human organization.

Born on September 16, 1906, in Detroit, Dr. McGregor received his A.B. degree from Wayne University in 1932 and the A.M. and Ph.D. degrees in psychology from Harvard in 1933 and 1935. He was an Instructor in psychology at Harvard for two years before coming to MIT in 1937 as an Instructor in the Department of Economics and Social Science. He became Assistant Professor of psychology in 1938, Associate Professor in 1942, and Professor in 1948.

Dr. McGregor was founder of the Industrial Relations Section and was serving as its director in 1948 when he was appointed President of Antioch College at Yellow Springs, Ohio. He returned to MIT in 1954 as Professor of Industrial Management, and in 1962 was appointed to the Sloan Fellows Chair on its establishment by a grant from the Society of Sloan Fellows.

A specialist in social psychology and in its applications to management, Dr. McGregor had conducted extensive studies designed to increase our understanding of human motivation. He believed that organizations could be made more effective by providing their members with broad opportunities for self-development and self-direction. Much of his philosophy was summed up in his book, "The Human Side of Enterprise," published in 1960.

He was a member of the Board of the Foundation for Research in Human Behavior, he was an associate of the National Training Laboratories for Group Development; a fellow of the American Academy of Arts and Sciences; and a member of the American Psychological Association, Phi Beta Kappa, and Sigma XI.

## MIT Charities Drive set to begin this week

The 1964 MIT Undergraduate Charities Drive begins Wednesday, October 21. It will run for a week, through October 28.

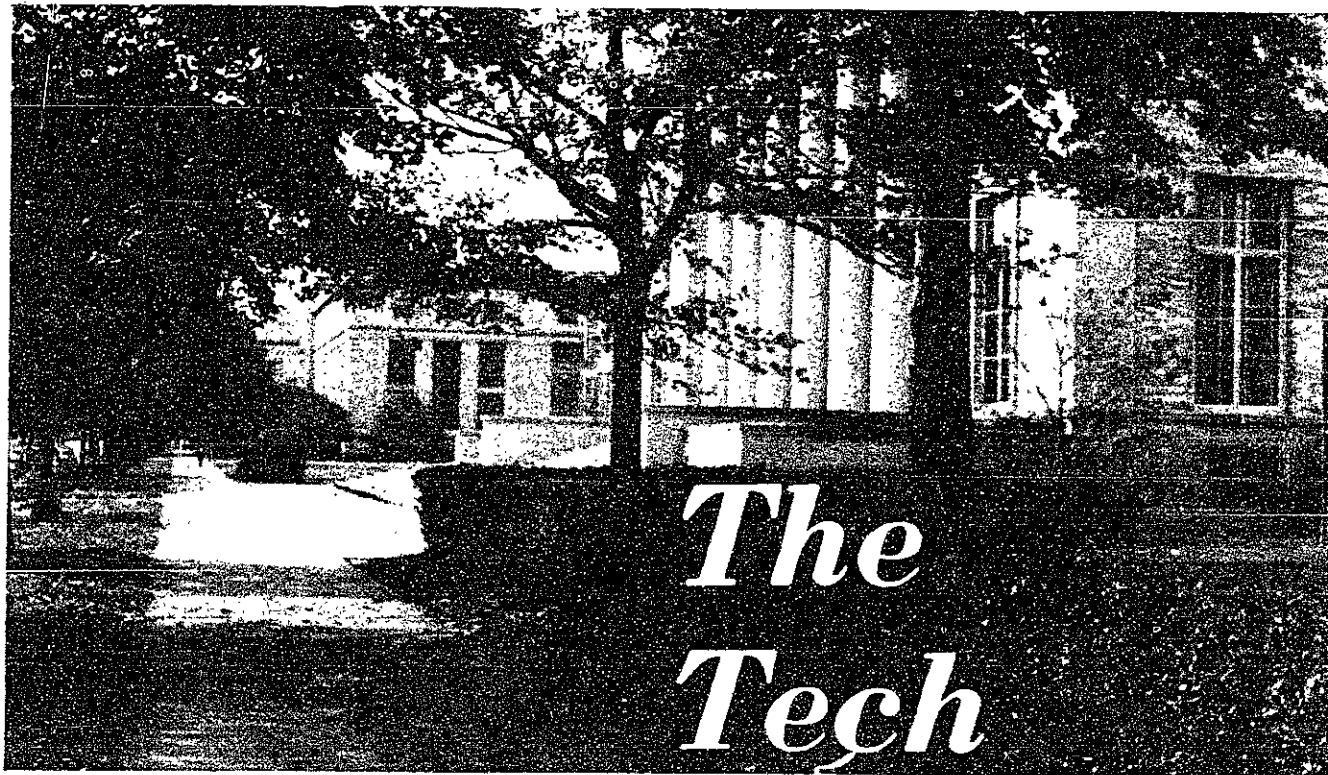
This year's drive is being run jointly by APO and TCA. APO will solicit donations in the dorms and TCA will handle the fraternities. A greater number of charities will be represented this year than previously.

The student will be able to specify the distribution of his donation by checking the appropriate box on his contribution envelope.

The Undergraduate Charities Drive is the official student drive and will coincide with the Institute Drive, but will run independently. Professor Robert C. Wood is chairman of this year's Institute Drive.

Among the charities represented in this year's Undergraduate Charities Drive will be: American Cancer Drive Society, Care, United Fund of Greater Boston, World University service and local Cambridge settlement houses.

It is hoped that the drive will see a substantial increase over last year's contributions.



Vol. 84, No. 20 Cambridge, Massachusetts, Wednesday, October 21, 1964 Five Cents

## "Wild Side" under control

### J P Weekend tickets sold; split tickets on sale

Class of '66 Secretary-Treasurer Ken Browning has announced that J. P. Weekend tickets are sold out. Weekend tickets went on sale to living group social chairmen at 9:00 am Monday, and when sales were closed at 4:00 pm 582 of the 625 all-weekend tickets had been purchased. When sales were opened to individuals on Tuesday, the remaining 43 tickets disappeared quickly.

Split tickets—for all-day Saturday and for Saturday night only—were placed on sale yesterday and a few remain today. Prices for the split tickets are \$10 for all day Saturday and \$6 for Sat-

urday night. Just as the all-weekend tickets were limited by the capacity of the Statler-Hilton ballroom, all-day Saturday tickets are very limited in number due to the capacity of Kresge Auditorium. Saturday night tickets are less limited, and approximately 100 are being sold.

Due to careful planning by the J. P. Committee, this is the first year in a long time in which there was no long ticket line, in spite of the record ticket sales estimate of 800 reported by Class President Hank Perritt after a meeting with social chairmen last Thursday. Because only 625 all-weekend tickets were available, each living group was allowed to buy only 75% of its estimate when bloc sales were opened

Monday, thus assuring each living group equal opportunity to buy tickets and eliminating the necessity of the pre-salesday ticket line.

The deadline for entries in the J. P. Queen contest has been set as Monday, November 2. More information concerning the contest will soon be available at the J. P. ticket booth in the lobby of building 10. This year a limit of one entry per fraternity and three per dormitory has been set. The election of finalists will be held in the two weeks before J. P.

The J. P. Committee is most pleased with the campus-wide support accorded J. P. '64, and it feels that those who have chosen to "Walk on the Wild Side" will long remember this weekend.

## Midshipman William R. Kampe receives Armed Forces scholarship

William R. Kampe '66 became the first Navy recipient of the Armed Forces Communications and Electronics Association scholarship award. The two-part scholarship totalling \$1,000 was awarded to Kampe at a luncheon held at the MIT Faculty Club September 28.

Luncheon guests included Dean Gordon S. Brown, MIT school of Engineering; Captain A. K. Tyree, Chief of Staff, Commandant First Naval District; Mr. J. H. Frailey, Director of Student Aid, MIT; Captain H. M. Pugh, Commander J. A. Matthews, and Lieutenant J. B. Castano, all of the Department of Naval Science, MIT.

Midshipman Kampe, a course VI major, was selected in national competition with nominees from 52 other NROTC schools. He was chosen on the basis of an exceptional academic record, participation in extracurricular activities, and outstanding aptitude in the NROTC program.

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## Truck of the week



# Student Center Activities floor plan released

With the target date for the completion of the Student Center less than eight months away, Professor Eduardo Catalano, the building's architect, released the final plans of the activities floor this week.

The activities floor provides almost 20,000 square feet of floor space for the Institute's varied clubs, service and government groups. Apart from the area set aside for specified group activities, the floor also has lounges, art studios, darkrooms for general use, and music practice rooms.

Located on the fourth floor, just below the Student Center Reading Room, these activities facilities are expected to be available for use 24 hours a day.

The remainder of the building will contain pool tables and eight lanes of bowling; a United States Post Office (Technology Substation); a pharmacy; a greatly expanded Technology Store with nearly 20,000 square feet of floor area; and the 15,000 volume, 500-seat Reading Room which will duplicate most of the reserve book collections of the other libraries.

The Center as a whole has about an acre of floor space and will cost \$27 a square foot when furnished. The entire building has central heating & air conditioning. There is a piped music system for the dining room and the rathskeller college restaurant.

With completion of the center scheduled for mid-June, telephone outlets, furniture requirements

and other activity needs will concern the Student Center Committee in the next few months. According to its chairman, Dick Schmalensee, the committee activities will then be directed mainly toward publicity and organization

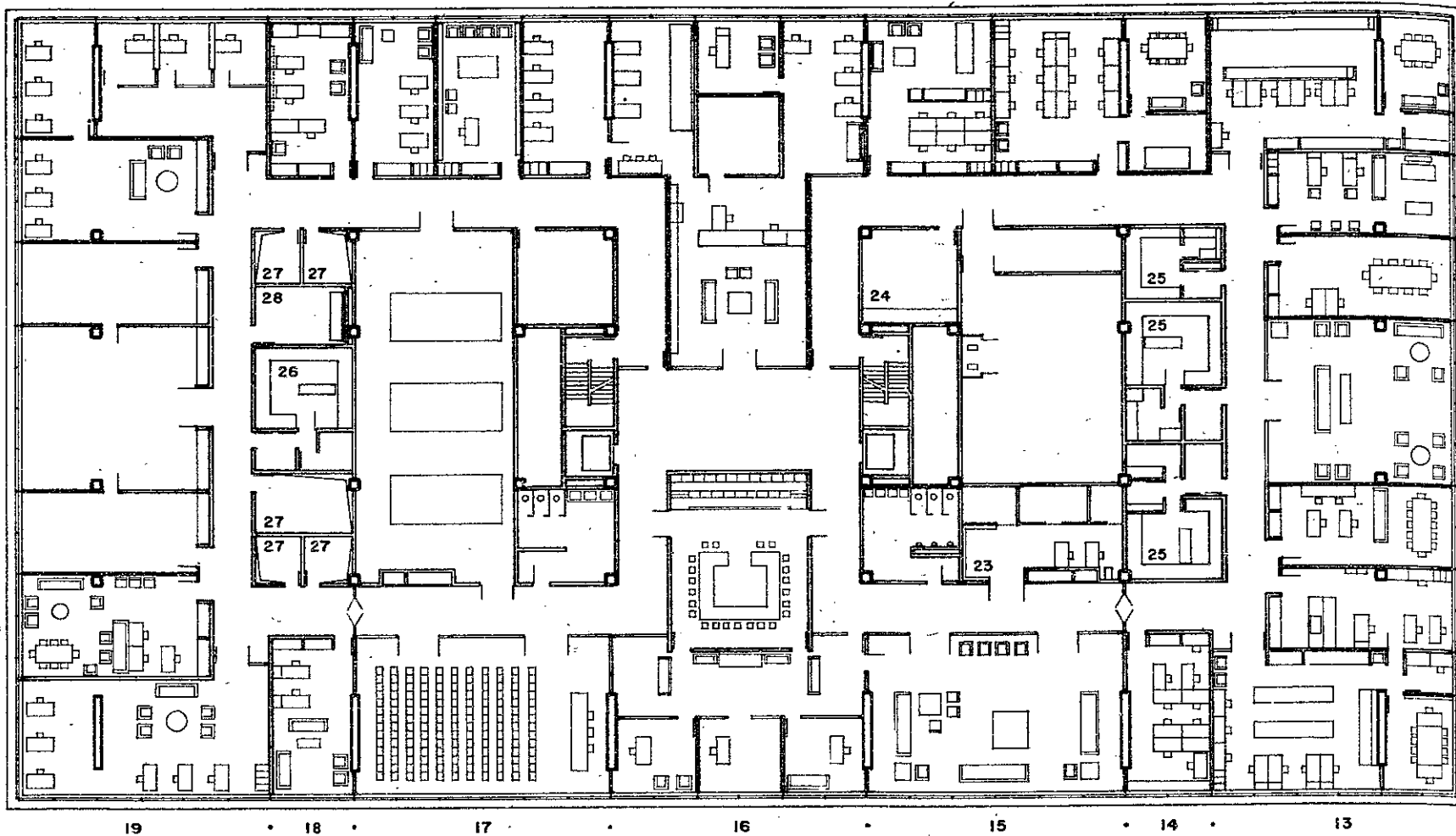
of a plan of government for the center in cooperation with Inscomm.

Members of the student center committee traveled to Bridgeport last weekend for the New England Convention of the Association of College Unions. With such schools as Brown, Boston University, and the University of Massachusetts in attendance, the conference discussed the functions

and organization of a student center government board and the general operations of such a facility.

The numbers on the line drawing above correspond to the following rooms: 1) Religious Organizations; 2) Drama Shop and Tech Show; 3) Social Service Committee; 4) Science Fiction Society; 5) Technology Community Association; 6) Tech Engineering News; 7) Technique; 8) Voo

Doo; 9) Lecture Series Committee; 10) Debate Society; 11) Lounge; 12) Alpha Phi Omega; 13) The Tech; 14) Tangent; 15) Lounge; 16) Institute Committee Offices and Inscomm Room; 17) Meeting Room; 18) Inter-Fraternity Council; 19) Smaller Activities; 20) Music Clubs and Baton Society; 21) Art Studios; 22) Smaller Activities; 23) Outing Club; 24) Silk Screen Room; 25) Dark Room—Student Publications; 26) Dark Room—General Use; 27) Music Practice Rooms; 28) Art Utility Room.



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## 4 staff members promoted

The Board of Directors of The Tech promoted four individuals to positions of full staff members at a meeting held last Wednesday night.

W. Thomas Compton '67 from Burton House and South Bend, Ind. was elected to the Sports Staff.

Richard C. Art, Jr. '66 from Phi Gamma Delta and Evanston, Ill. was elected to the Entertainment Staff.

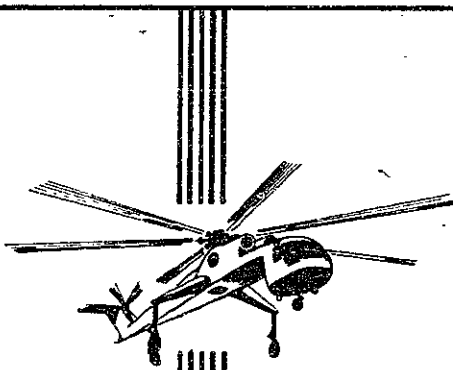
The Board elected two individuals to the Photography Staff. The new Photography Staff members are Philip Dowds '66, from Baker House and Wilmington Del., and Paul Stamm '66 from East Campus and Blanchard, Mich.

The four new staff members had previously served as staff candidates.

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Thursday, November 5

## Transit system to undergo changes Dept. names five

by Allan Green and Jason Fane  
Before long, the Massachusetts Bay Transit Authority will tear down and relocate much of its existing rapid transit system according to General James McCormack, MIT vice president and chairman of the newly formed MBTA.

The MBTA is an outgrowth of the old MTA, and it serves 77 communities in the Eastern Massachusetts area. Under the new organization, local leaders hope to remedy Boston's growing transportation problems.

Among the lines mentioned for replacement by General McCormack is the heavily-traveled Forest Hills elevated which would be torn down from the Tufts Medical School south several miles to its Forest Hills terminal. Most likely it will be relocated on the nearby New Haven Railroad

right - of - way within a few years."

Also due for reconstruction is the el. running from Haymarket up through to Sullivan Square and Everett. While relocating this line the MBTA would like to extend it northward and eastward. However, the General feels that political pressure will probably force the MBTA to send the line straight up the Boston and Maine rail right of way to Malden, and possibly to Reading.

### Our First Task

McCormack said that the MBTA's first task is to "get organized." In addition, the MBTA would like to improve the Boston region's transportation by building several entirely new rapid transit lines. It must do this within some severe financial constraints.

(Please turn to page 6)

## Geology and geophysics gains profs

MIT announced five new appointments to the faculty of the Department of Geology and Geophysics.

They are: Dr. Anthony F. Gangi as associate professor of geophysics; Dr. William C. Luth as assistant professor of geochemistry; and Dr. Lee W. Dean, III, Dr. David W. Strangway, and Dr. M. Nafi Toksoz as assistant professors of geophysics.

Dr. Gangi attended the University of California (Los Angeles), from which he received the B.S., M.S. and Ph.D. degrees in physics. He has authored several articles for professional journals and is a member of the American Physical Society, the American Association for the Advancement of Science, the Institute of Electrical and Electronics Engineers and Sigma Xi.

Dr. Luth received his B.A. and M.A. in geology from the State University of Iowa and his Ph.D. from Pennsylvania State University. Dr. Luth is a member of the Geological Society of America, the Mineralogical Society of America, the American Geophysical Union and Sigma Xi.

Dr. Dean received the B.A. degree cum laude in physics from

Amherst College. He received the S.B. and S.M. degrees in electrical engineering and the Ph.D. in physics from MIT. Since 1960, Dr. Dean has been an instructor in MIT's Department of Physics. He is an associate member of Sigma Xi and a member of Tau Beta Pi and the Acoustical Society of America.

Dr. Strangway the B.A., M.A. and Ph.D. degrees from the University of Toronto. Dr. Strangway is the author of several papers published in professional journals and is a member of the Society

of Exploration Geophysicists, the American Geophysical Union, the American Institute of Mining Engineers, the Royal Astronomical Society and Sigma Xi.

Dr. Toksoz, native of Turkey, received the B.S. from the Colorado School of Mines and the M.S. and Ph.D. from the California Institute of Technology, all in geophysics. He has co-authored more than a dozen papers and is a member of the American Geophysical Union, the Seismological Society of America, the Society of Exploration Geophysicists and Sigma Xi.

## Morse elected president of Freshman Council; Davis, Tashker selected as other officers of '68

The Freshman Council of the Class of '68 elected their class officers at a meeting held last Sunday night in the Bush Room. Elected as Class President was Ken Morse of Sigma Chi. The Vice-President is Scott Davis from Phi Delta Theta, while Mike Tashker of Baker House is Secretary-Treasurer of the class.

Section Leader and Alternate  
1. C. Davis, S. Ostrach

2. D. Drum, D. Cleveland
3. R. Kendrick, B. Anderson
4. R. Horn
5. A. Aliberti, R. Mazer
6. D. Gruber, N. Clark
7. D. Green, S. Marks
8. No results
9. W. Klauber, J. Bowie
10. D. Swanson, T. Charlton
11. M. Thomas, H. Dixon
12. J. Russer, J. Ketter
13. K. Morse, R. Paret
14. P. Batay, E. Goldner
15. T. Needham, J. Thrift
16. P. Weidner, R. Melson
17. No results
18. J. Silverman, P. Haynes
19. M. Tashker, S. Bishko
20. B. Dan, I. Birn
21. W. Nissen, S. Gottschalk
22. P. Pollack, B. Roach
23. D. Swedlow, K. Vafadari
24. P. Rode, T. Smith
25. J. Grochow, C. Richards
26. J. Tranen, S. Kornfeld
27. S. Davis, Y. Kraus
28. H. Goldberg, W. Scott
29. R. Folk, P. Bradish
30. J. Hossack, G. Logan
31. T. Neal, A. Pollack
32. J. Smith, P. Taylor
33. D. Stahl, K. Hawes
34. B. Park, W. Katzen
- 4.021 C. Meyer, R. Kispert
- 5.41 R. Masiello, J. Lisle
- P. Greenlee, H. Allen

## SOC uses new system to allocate summer jobs

The Student Opportunities Committee, in conjunction with the Placement Office, has set up a new system for helping students find summer jobs. All that you, as a student, must do is go to the Placement Office (24-211) and fill out a card to get your name on file.

The Placement Office and the Committee take it from there. When job opportunities start coming in from companies all over the United States, their opportunities and requirements will be matched up with your preferences and qualifications. Under your name will then go three or four jobs which suit you well.

You will then be notified that certain jobs are available to you, and that you should immediately apply to the companies involved. The job will be kept under your name, unavailable to anyone else, until you relinquish your claim or the prescribed reaction time is past.

The Committee has had quite a bit of very favorable response from interested companies, so that opportunities will undoubtedly be on the rise for next summer for Techmen. The Committee also recommends that foreign students are especially encouraged to fill out these cards for summer opportunities, because of special effort of the committee directed along this line.

The summer jobs are there for the person who wants to bother to go to 24-211, so get over there and fill out a card for a better summer job.

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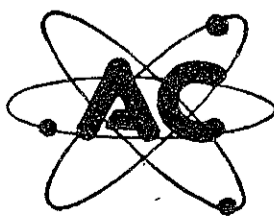
Sure, everybody's got a career program. But we think you'll find ours a little more stimulating, more rewarding, and at least intriguing enough to spend the next minute or so reading about it.

We call it our "Career Acceleration Program." In it, you'll work on such advanced projects as an avionics system for supersonic aircraft, a guidance/navigation system for the Apollo Command Module and LEM, and a new guidance system for the Titan III space launch vehicle. Seven hours a day you'll work on a specific project. You'll spend one hour each day in formal class work. These classes include courses in Inertial Instruments, Inertial Guidance, Digital Computers, Advanced Transistors, Advanced Servomechanisms, Integrated Circuits, Space Mechanics, plus other mathematics and undergraduate disciplines as required.

We also have a Tuition Refund Plan that pays all of your tuition costs upon satisfactorily completing college-level courses of study undertaken voluntarily. Our "in-plant" evening educational program offers additional opportunities for technical improvement.

If you are completing your BS or MS degree in EE, ME, Math or

Physics, we invite you to inquire about the opportunities at any of our three locations. AC in MILWAUKEE—our main research, development and manufacturing facility. AC in BOSTON—our Research and Development Laboratory specializing in advanced inertial components; spacecraft and avionics guidance/navigation systems. AC in LOS ANGELES—our Research and Development Laboratory specializing in advanced airborne computers; ballistic missile and space booster guidance/navigation systems. For further information, see your college placement office regarding a General Motors/AC on-campus interview, or write directly to Mr. G. F. Raasch, Director of Scientific and Professional Employment, Dept. #5753, General Motors Corporation, Milwaukee, Wisconsin 53201. PhDs, please note: Positions are available in all three AC locations for PhDs, depending on concentration of study and area of interest. You are invited to contact Mr. Raasch for additional information.



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**CAMPUS INTERVIEWS—Thursday, Oct. 29, 1964**



Vol. LXXXIV No. 20 Oct. 21, 1964

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- ..... William Bloomquist '67
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- ..... Thomas Nakagami '67

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Second-class postage paid at Boston, Massachusetts. The Tech is published every Wednesday during the college year, except during college vacations, by The Tech, Room 50-211, 142 Memorial Drive, Cambridge, Massachusetts 02139. Telephones area code 617, 876-5855; 876-5856; 864-6900, Extension 2731. United States mail subscription rates: \$2.75 for one year, \$4.25 for two years.

Unsigned editorials in The Tech are the opinion of The Tech's Board of Directors, not that of MIT. The Tech welcomes letters from its readers. Space permitting, such letters will be printed in whole or in part, if deemed by the editor to be of sufficient interest or benefit to the community. Brevity increases the chance of publication. Anonymous letters will not be printed, but names will be withheld upon request.

Appointments

The Board of Directors of The Tech has accepted with regret the resignation of David Vanderwerf '66 as Features Editor.

The Board is pleased to announce the following appointments: John Montanus '66, of Phi Gamma Delta and Springfield, Ohio, as Editor; Jeff Trimmer '66, of Phi Gamma Delta and Bloomfield Hills, Michigan, as Features Editor; and Mona Dickson '66, of McCormick Hall and College Park, Maryland, as Entertainment Editor.

Inside Incomm

Fall 1965 conference planned; committee volunteers needed

By Bill Samuels, UAP

A conference is a major project. Two years ago "Federal Government - How Much?" was held at MIT with a budget of \$14,000. Steve Kaufman, for his efforts on this, was honored with a Compton Award. We would like to have another conference at MIT next fall. To do so, we must start planning today. Last Saturday, INSCOMM approved the idea of a fall '65 conference if a suitable topic could be found. Next fall was chosen instead of this spring because it was the consensus that one major conference a year was enough. AWS has their conference this October. Also, the new Student Union will be open next year. A nationwide conference would be good public relations, since the Student Center would be extensively utilized for the meetings. We need a chairman and a committee for this large project. The chairman should come from the present Junior Class while the rest of the committee would be composed of anyone in the lower three classes. The committee's job will be a large one. If they can come up with a topic that is approved by both INSCOMM and the Administration, this project would then be one of the most important on campus next year. If you are interested in heading

The campus forum

The Tech, as the official newspaper of the MIT undergraduates, has certain duties and responsibilities. It is our job to act as liaison between the Administration, student government and other campus activities, and the student body as a whole. It is also our duty to be the forum—and the conscience—of campus opinion.

It has long been our policy to encourage communication with campus leaders and any interested students. We hope to improve the immediacy and relevance of our coverage by drawing more extensively upon the knowledge and experience of the campus leaders and the opinions of the average undergraduate.

To succeed we need the co-operation of the undergraduates.

In the past we have been plagued by complaints when wordy, illegible, and often incoherent material was handed in after the deadline at 3:00 pm Sunday and subsequently not printed. We have been reprimanded for cutting and editing articles.

The Tech reserves its editorial prerogative—indeed its responsibility—to insure that material to be printed is reasonably stated and properly composed and typed. Our job is made easier when care is taken that anything submitted will meet the requirements imposed by time, grammar, and common sense.

We hope to meet the challenges posed by the opening of the Student Center and the proposed changes in student government. To that end we intend to seek the help of campus leaders and to sound out a meaningful campus opinion. Responsibility for intelligent action rests with the students; for intelligent reporting and editorializing, with The Tech.

TEN: the new look

New management does not always mean new style or new quality; thus we were pleasantly surprised when the year's first issue of Tech Engineering News was released. The concept of scientific reporting has developed considerably since the days when the News was a part of the newspaper.

The new full-color cover, the better paper, and the new typeface, attractive though they are, are not as different as the new editorial policy. TEN is now featuring important recent discoveries and developments in a strictly reportorial style, rather than focussing on student projects. And each issue has a central, unifying theme.

It appears that TEN is back on solid footing after the recent problems. Our congratulations to the new board; we hope forthcoming issues will live up to the promise of the first.

or working on this major project, leave your name with Betty at 2696 or call me at 868-0079. Here is a chance to get in on a major student government project while it is still on the ground level. I hope that some people will express interest.

Moderates must vote Next Tuesday is the straw vote between Goldwater and Johnson. I feel that there must be at least a 45% turnout if the results are to be significant.

The Goldwater forces are hoping for a very small turnout. They know that their core of enthusiasts will turn out for the vote. Therefore, the lower the general turnout, the higher they feel Goldwater's percentage will be. They are counting on apathy of the moderates.

I hope that the Goldwater camp's view that moderates are apathetic is wrong, and that Tuesday results will prove that the "moderate" is very interested.

Footnotes

By Bill Judnick

Two weeks ago I began a description of the fund-raising methods the Institute used during the Second Century Fund campaign. I'd like to continue that now, to give you an idea of what to expect as an alumnus.

Organization

In review, the following administrative posts were created: District Directors, Area Chairmen (AC), Regional Chairmen (RC), Regional Vice Chairmen (RVC), and Regional Solicitors (RSOL)—in that order.

Each of these, in turn, must attend "assignment and indoctrination meetings" at their level and receive materials for their own use and distribution among the alumni.

The District Directors are given Pledge Cards, Locator Cards, and Flat Lists. They also know their quotas at the various area levels.

The Pledge Cards are then given to the various RSOL. Those absent from indoctrination, obtain them from their RVC.

The Flat Lists are used for screening for Special Gifts Prospects, and are intended for use by the AC and RC's.

The Locator Cards contain statistics on the prospects such as class, degree, course, and Alumni Fund information. Such cards are used in the preparation of Information Cards available to the RSOL's.

Special procedures The alumni classified as Major Gift Prospects are removed from the Pledge Cards available to the RSOL by the DD and assigned to the Major Gifts Committee. This is the first phase of any district's solicitation; and until 60% of the Area Quota has been reported, the Special Gifts solicitation will not commence.

The AC are in charge of resolicitation from those alumni whose gifts or pledges seem "unduly low." They are also concerned with those alumni who have not pledged but have made a single payment gift.

Solicitors' kits

For Special Gifts solicitation, each RSOL receives from the District Office: Pledge Cards and their corresponding Information Cards, a handbook, 'Facts About MIT,' Screening Cards (for use of RSOL, not prospect), return envelopes, 'The Second Century Fund and the Alumni Fund,' 'How Much Shall I Give,' a tax guide, 'Outline of Objectives,' and a list of matching gift companies.

In a separate envelope, the RSOL receives: 'The Case Book,' 'Your Name at MIT,' and a 'Fortune' magazine reprint. The same kit is prepared for visitations by the RSOL in Phase II of the solicitation.

Next week will conclude with optional procedures and methods for dealing with "low potential prospects."

Kibitzer

By Tom Neal

NORTH  
♠ A 7  
♥ A K Q 7  
♦ 2  
♣ Q 8 7 6 5 4  
WEST EAST  
♠ 5 3 2 ♠ K  
♥ J 6 5 3 2 ♥ 9 8 4  
♦ K J 8 3 ♦ A Q 7 6 4  
♣ 10 ♣ K J 9 3  
SOUTH  
♠ Q J 10 9 8 6 4  
♥ 10  
♦ 10 9 5  
♣ A 2  
North deals.  
North-South vulnerable.  
The bidding:  
North East South West  
1♣ 1♦ 1♠ 2♦  
2♥ 3♦ 3♠ P  
4♠ P P P  
Opening lead: King of diamonds

spades covered West's two of spades for two reasons: to leave the seven of spades for a diamond ruff, and to prevent East from returning another spade if he held Kx and thereby creating a diamond loser.

The king of trumps helped by falling, but declarer's line of play creates at least one overtrick anyway. A club was led to the ace and the nine of diamonds ruffed in dummy. East had seven known cards in five diamonds, one spade and one club. Declarer speculated that he probably also had the king of clubs to bid so aggressively. This left him with at most five hearts and West with at least three.

The AKQ of hearts were then safely led, discarding the low club and diamond. South's trumps were now good.

He made the contract with two overtricks.



PEANUTS appears daily and Sunday in the Boston Herald.

# PATRONAGE REFUND CHECKS

For the Membership Year

Ended June 30, 1964

## ARE READY NOW

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**THE TECH COOP**

## Letters to The Tech

### Campus violence

To the Editor:

Scanning the pages of some Boston papers, one is often confronted by the catalogue of crimes committed by youth; and yet, we here at MIT rarely consider the possible threat to ourselves on campus. To some, the campus appears an inviolate island.

Belying this attitude are facts. First, there are the broken windows, stolen hubcaps and empty gas tanks of cars on MIT grounds. Then there are stolen cars and scooters taken from the same areas. Not long ago the Campus Patrol prevented the theft of three scooters from Burton

House; but how many such thefts are not stopped?

Finally there are the cases of personal attack. Last year the rear of Graduate House was the scene of several attacks and robberies. During the summer a graduate student was mugged in front of building one. This year we face a new and far more vicious crime, the attack on women students.

When the Women's Dormitory was opened on West Campus, there was the ever-present dread among members of the administration that girls crossing Massachusetts Avenue might become subject to the attention of local wolves. This fear has been fully

realized. In the past year there have been several cases of attack and even attempted rape, in most cases perpetrated by young men cruising along Memorial Drive and Massachusetts Avenue, on the watch for unattended women. In past weeks this has become so prevalent that coeds have been warned not to roam through the Institute unaccompanied. If they must be out late, they have been told to call the Campus Patrol for a ride home.

It should be noted that these scenes of violence most often occur in areas of darkness where the night traffic is at a minimum, such locations as Ames Street from Amherst to Memorial Drive, Amherst Street from in back of Graduate House, running behind McCormick Hall, in the rear of Baker, past Burton, all the way to Westgate West. The question then is how to prevent these crimes. Do we enlarge the Campus Patrol from its understaffed twenty to a full complement of thirty-five officers so that full use may be made of the new patrol cars? Perhaps it would be better to throw some light on these areas—why doesn't Cambridge install proper lighting on Ames Street? Why doesn't MIT illuminate the rear of Graduate House and Amherst Street? Or are these perhaps too costly?

Name withheld

### Civil rights issue

To the Editor:

The MIT Civil Rights Committee hopes that the coming straw vote for Presidential candidates on October 27 and the election on November 3 will not be taken lightly by MIT students. As a student group dedicated to the preservation of civil liberties and civil rights, we expect that each member of the MIT community will vote intelligently on each occasion that applies to him.

Today, we find in our country an increasingly complex socioeconomic system developing in which it is becoming more and more difficult for those who are victims of poverty and oppression to handle their problems by themselves. We now have the economic ability and, it seems to us, the responsibility for helping these people cope with their problems in such fields as education, housing and economic opportunity. Senator Goldwater, on the other hand, believes that the poor and oppressed can escape from their impoverished environments simply by striving harder to earn money. He doesn't seem to realize that almost all of our poor are psychologically trapped, unwillingly, in their various sociological dungeons by traditions of oppression, both overt and covert, that have been allowed to exist in our country.

Senator Goldwater has made the statement that "forced integration is just as wrong as forced segregation." Here, he doesn't understand that those discriminatory actions by people which inhibit solutions to the social problems of our country will never disappear with sufficient speed unless we prohibit them by law.

We also find the Senator's opposition to recent Supreme Court decisions in the fields of civil rights, reapportionment, criminal procedure, and school prayers extremely distasteful.

(Please turn to page 7)

## Good reading



You're looking at the intelligent product of one week's work. (Some might be in your campus library.) They're technical bulletins written by some very talented scientists and engineers at the Jet Propulsion Laboratory. JPL people write over 500 such documents each year. Documents with titles like "Evaporation Effects on Materials in Space," and "Simple Guidance for Deep-Space Booster Vehicles." Pretty heady stuff.

But then designing spacecraft to reach the Moon and

planets is a pretty head-y assignment. And it takes a lot of bright people to make it happen. Where do these bright people come from? Better colleges and universities around the country. Yours, for example. Why not sign up for an interview with a JPL man? Besides working at the most fascinating job in the world, you'll also have lots of good books to read.



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### ON CAMPUS INTERVIEWS: November 5 & 6, 1964

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## Transit system changes, McCormack gives plans for expanded MBTA

(Continued from Page 3)

The MBTA's charter authorizes \$55 million for building new lines. However, McCormack hopes the MBTA can get more miles for their money by joining hands with private transportation companies.

Under McCormack's plan the MBTA would provide the right of way and tax exempt financing, and a private company would equip the line and run the service. The private companies would have to make a profit to stay alive, and this would give them an incentive to keep costs low.

From the MBTA's point of view, the joint enterprise would keep the subsidy 'manageable,' and enable the Authority's limited capital to provide more lines.

### May build monorail

The MBTA has received an offer from a German monorail company which would like to equip and operate a line to the South Shore and one through Malden and Reading. So far the offer has been neither accepted nor declined.

If the monorails are built, the general said, it would not be because the MBTA is enthralled with monorails per se—monorail passengers would have to transfer to other lines to get into downtown Boston—but rather because the monorail proposal would conserve their capital.

Moreover, if this arrangement is carried through it will mark the first time that any private rapid transit company in North America has received this kind of subsidy. In Philadelphia today, and in several other cities in the past, private companies have leased city built lines, paying the city for the right to use city owned facilities.

Close observers of the MBTA have suggested that the transit company receive another benefit from the joint arrangement with a private operator. Current state laws require a motorman plus one guard for every two cars of the train. A private company building a monorail line could probably escape from this restriction and run trains with a single man.

If this were to happen the contrast would be so striking that the MBTA might be able to get the law changed and reduce its labor costs. Only one other rapid transit system in the world—the Port Authority Trans Hudson line in New York—costs as high as the Boston system.

## TV program covers Wiener's life and work

The late Norbert Wiener, former Institute professor and founder of the science cybernetics, was the subject of a television program, on WGBH-TV, channel 2, Monday, October 19 at 7:30 p.m. The program, on the great "Pathfinders" of the present, is to be repeated on Saturday, October 24 at 8:30 p.m.

Featured on the program was Dr. James Killian, Chairman of MIT's Corporation, who spoke of Wiener as a person. The nature of his work was described by Walter Rosenblith, Professor of Communication Biophysics at MIT, and Peter Elias, head of MIT's Department of Electrical Engineering. The effects of automation, for which Wiener was largely responsible, was explained by Robert E. Slater, senior vice president of John Hancock Mutual Life Insurance Co.

**Be Sure to VOTE!**  
**Tuesday**  
**October 27, 1964**

## To plan more events

## IFC holds Fall Blast

Over 400 couples attended the Interfraternity Conference's Fall Blast held in the Armory, October 17, from 8-12. Music was provided by the Rondells with a special intermission appearance of the Pandoras, a girls' rock 'n roll band from Simmons College.

Planned by the IFC Social Committee headed by Lester Young '65 of Phi Mu Delta, the blast was postponed once because of entertainment difficulties. The Rondells were then engaged for October 17. The Pandoras, who have appeared at the Surf-Nantasket, were engaged for intermission entertainment later.

The Armory was warm and smoky, but the steady music kept large numbers of couples dancing throughout the evening. An interesting sidelight was the introduction of a new MIT dance, the beaver, to the Institute community.

The heat also contributed to the consumption of refreshments. A steady stream of cups continued to issue forth from the dispensing stand.

Noting the success of the evening, the IFC Social Committee

will be planning future events either in conjunction to other all-Institute functions or as individual events. In response to several suggestions put forth, cocktail parties on the evenings of several of the Institute weekends may be planned. Individual events similar to the Fall Blast just completed are being considered.

The IFC Social Committee is headed by Lester Young '65, of Phi Mu Delta; Jim Sweeney '66, Pi.

of Chi Phi, is secretary. Other members include Pete Ackoff '66, of Phi Mu Delta; Doug Benson '67, of Alpha Tau Omega; Ken Finn '67, of Alpha Epsilon Pi; John Freeman '66, of Phi Gamma Delta; Bob Gerstle '67, of Pi Lambda Phi; Clay MacDonald '67, of Chi Phi; Jim Mannos '66, of Pi Lambda Phi; Victor Rosenberg '66, of Phi Kappa Sigma; Ken Schoman '67, of Chi Phi; Jerry Siegel '67, Alpha Epsilon Phi Mu Delta; Jim Sweeney '66, Pi.

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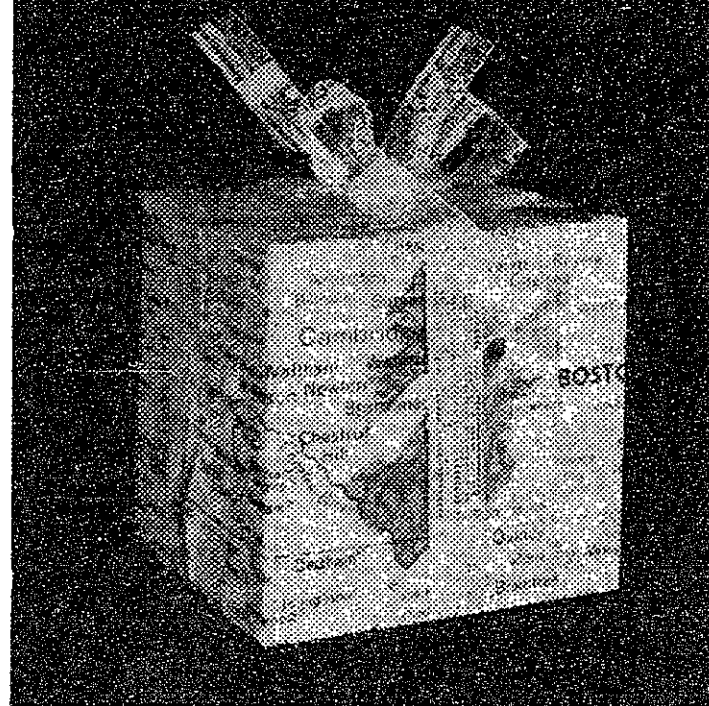
"He begins with an inspection trip along Route 128, the circumferential highway that is lined with electronics and defense industry plants and laboratories. He then traces the close links to these and to the world at large of the two great educational institutions, Harvard University and Massachusetts Institute of Technology."

When Christopher Rand recently returned to Cambridge, Massachusetts, for his first prolonged visit in a decade and a half he found the whole Boston area had undergone startling changes; there had been a renaissance, but one with a different kind of patron. This book is his account—at times amusing, at others disturbing—of what he saw and heard.

At these institutions Mr. Rand takes the reader on a tour of offices and laboratories. He shows how computers are used in all fields from physical science to the humanities; how far-flung global projects regularly take faculty members all over the world; how regional study "centers" are the rage; how city and university life has changed; and, most of all, what happens when institutions of higher learning become deeply involved in government policy.

While this post-war trend is perhaps most noticeable at such places as Harvard and M.I.T., Mr. Rand makes the point that scientists and scholars, wherever they are, are the new elite. "We can't defend our country without them," he acknowledges, "we can't run our economy without them, we can't even attempt a foreign policy without them. Next to technological force, technological aid is our main binder for

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the Free World now, and it can't conceivably be applied without technologists." In short, this book is really an exploration of a problem that concerns all Americans.

Christopher Rand, a former San Francisco newspaper reporter, is a staff reporter for The New Yorker.

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## JFK Library drive over

The recently completed Fund Council and sophomore Secretariat members. All persons who contributed were encouraged to sign the signature sheets so that a permanent record of those contributing could be maintained. Upon completion of the library these sheets, along with those of the some 700 schools across the country also participating in the drive, are to be bound up and placed on record in the library.

The history of the drive dates back to shortly after the assassination when two students, Dennis Pirotin '67 and Howard Lawrence '67, of East Campus, made collections on behalf of the Kennedy family. At the request of Mrs. Kennedy, the money was sent to the library committee.

MIT's own drive came in answer to a request from the National Student Committee of the Kennedy Library Committee, who is seeking to raise some \$250 thousand for a special student section of the library. Handled by the Secretariat under Jeff Trimmer '66, the solicitations were made by the Freshman

and sophomore Secretariat members. All persons who contributed were encouraged to sign the signature sheets so that a permanent record of those contributing could be maintained. Upon completion of the library these sheets, along with those of the some 700 schools across the country also participating in the drive, are to be bound up and placed on record in the library.

## Peace Corps teacher bound for Ecuador

Donald J. Mided '64 is preparing to leave for Ecuador as one of 47 Peace Corps teachers. These volunteers will teach in five universities as well as secondary and vocational schools throughout the country.

## TCA to hold smoker

The Technology Community Association Social Services group will hold a smoker in the Library Lounge on Thursday, October 29, at 5 pm. Plans for social work of all types will be discussed. Refreshments will be served.

## Letters:

(Continued from Page 5)

While we realize that President Johnson has not always held his present views in the field of civil rights, we feel that he is rapidly maturing to the realities of modern America. He is seeking thoughtful solutions to problems such as our huge defense budget, unemployment, poor educational facilities, and violent racism.

Therefore, the Civil Rights Committee calls for an overwhelming victory for President Johnson and Senator Humphrey in the coming straw vote and in the national election. Only by such a victory will we convince the world that the US is capable of responsible leadership.

Richard Rosen  
Chairman

## Bull Moose write-in

To the editor:

We object to the fact that the Lodge-Hatfield ticket has not been given any coverage (not to mention equal coverage) in The Tech.

We plan to vote for Lodge-Hatfield in the straw poll, October 27, and we urge others to join us. We plan to do this for several reasons.

(1) We wish to show that liberal Republicans, while temporarily out of power in the national party, still form the majority of Republicans. We hope to out-poll Goldwater in this election.

(2) Many of us believe that the scandals in Johnson's administration and Senate career make him, at best, the lesser of two evils. October 27, unlike November 3, provides us with a good chance to express this dissatisfaction by voting for a third slate.

(3) The positive virtues of this slate are not to be forgotten. Lodge has long been a liberal Republican leader. He has served well in the Senate, in the United Nations, and in Vietnam. Hatfield has governed his small state, Oregon, so well that in spite of its size he has long been recognized as a possible Vice-Presidential candidate. Furthermore, both of our candidates have refused to endorse Goldwater.

Finally we wish to mention that our opponents have spread the rumor that write-ins will not be counted; this is utterly false!

Ralph Kopperman  
Pres., Bull Moose Club

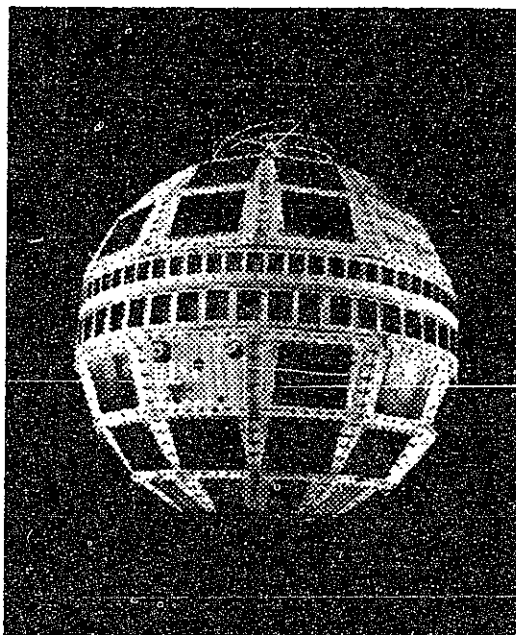
(The above letter bore 100 signatures.—Ed.)

## GOP Miss Miller to talk this afternoon

Libby Miller, the 20-year-old daughter of Republican Vice-Presidential nominee William E. Miller, will speak before an open meeting of the MITSG and YRs in room 54-100 at 4:30 this afternoon.

Miss Miller, who is a senior at Newton College of the Sacred Heart, will appear together with Jack E. Molesworth, Republican candidate for Congress in Boston's 9th Congressional District, and Ray Friessecke, chairman of Massachusetts Youth for Goldwater.

After brief talks by the three speakers, there will be a question-and-answer period, following which free refreshments will be served, and those interested can meet the speakers personally.



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## Organ concerts begin Saturday

The Kresge Organ Concerts, presented by the Department of Humanities, will this year feature four concerts: E. Power Biggs on October 24, Heinrich Fleischer on January 19, Piet Kee on March 16 and Hans Heintze on May 18. There will also be nine free concerts on the Chapel organ at 4:00 pm on Sundays throughout the year.

Recognized as the leader of a modern renaissance of the organ, E. Power Biggs is known for his musical exploration of the famous and historic organs of Europe. He has appeared with the New York Philharmonic, the Philadelphia Orchestra and the Boston Symphony Orchestra.

His program will include Purcell's 'Chaconne in F major,' Mozart's 'Adagio and Rondo' and 'Prelude and Fugue in C minor' and Bach's 'Six Chorale Preludes' and 'Tocatta in F major.' Also on the program will be compositions by Antonio Soler and Ernest Pepping.

Subscription for the entire series is \$4.00, single tickets \$1.50 at the Kresge Box Office.

The Chapel concerts for this term will include:

- October 25 John R. King, U. of Massachusetts; works of Bach, Guilain, D'Aquin, Stanley, Viola and Schroeder
- November 15 Joseph Coutret, First Presbyterian Church, Englewood, New Jersey
- December 6 James Weaver, Maple Street Congregational Church, Danvers, Massachusetts
- January 17 Thomas Curtis, First Congregational Church, Elyria, Ohio

## drama at mit...

# Dramashop presents Shaw plays

By Stephen A. Shuman

The MIT Dramashop opened its season last Friday with a program of two one-act plays by G. B. Shaw. The curtain-raiser carried the unlikely title of "Passion, Poison and Petrification," and ran for about fifteen minutes; the principal play of the evening, "The Man of Destiny," had considerably more length and substance.

"Passion, Poison and Petrification" is a "tragedy" (almost everyone dies) of unbelievable hilarity. In the short course of the play, Lady Magnesia Fitztollemache sees her lover become a living statue when the plaster, from both a bust of Lady Magnesia and the ceiling, which he has eaten as an antidote to the poison administered by her jealous husband, hardens inside him. All the while, a choir of in-

MIT Dramashop presents 'PASSION, POISON AND PETRIFICATION' by G. B. Shaw, directed by David Liroff '65, starring Kay Bourne, Joan Harris, Joseph Morlan '65, Henryk Baran, '68, John Sowle '68, Andrew Lelhoff '68, Doug Glen '68; 'THE MAN OF DESTINY' Directed by Michael Merritt '66, starring Bob Moore '68, Stanley Gottschalk '68, Claudia Cassidy, '68, Lois Inman.

visible angels sings "Bill Bailey won't you please come home."

Director David Liroff apparently had a good understanding of how such a piece as this should be staged, and the entire cast played with obvious melodramatic relish. This is the kind of show in which the actors have a great deal of fun.

This show requires a large bag of technical tricks, most of which seemed to work well in the Dramashop presentation. However, issue must be taken with the

basic technical factors of the production. The setting was barely adequate. The basic area lighting was ragged in several aspects.

The set design and lighting for "The Man of Destiny" contributed very little to the play. The principal technical bright spot of the evening's productions was the costuming, to the credit of designer John Leide.

"The Man of Destiny" is a portrayal of Napoleon. At the time of this scene, which takes place at a small inn in Italy, he is merely the general unencumbered by the trappings of his later office. The conflict develops into an ironic struggle over the illusions which Napoleon presently entertains and those which he must keep or assume in order to fulfill his destiny.

The play is primarily a virtuoso piece for the actors playing Napoleon and the Lady. These demanding roles were handled very well by Bob Moore and Lois Inman, respectively.

The performance had some problems with pace, but this can be attributed primarily to the extremely short rehearsal time. Dramashop produces the evenings of one-acts entirely within the period of nine days.

## BSO forms new Chamber Players

The newly formed Boston Symphony Chamber Players will give their first concert in the Sanders Theatre, Cambridge, Sunday, November 8 at 8:30.

Members of the Chamber Players include Joseph Silverstein, violin; Burton Fine, viola; Jules Eskin, cello; Georges Moleuz, bass; Doriot Dwyer, flute; Ralph Gomberg, oboe; Gino Cioffi, clarinet; Sherman Walt, bassoon; and James Stagliano, horn.

The Boston Symphony Chamber players consists of the principal players of the Boston Symphony Orchestra and is under the management of the Orchestra.

The Program will include Mozart's Quartet in F for Oboe, Violin, Viola and Cello, and two chamber music compositions, Beethoven's Serenade in D for Flute, Violin, Viola and the Septet in E flat for Strings and Winds.

Tickets for the concert are being sold at the Symphony Hall Boston Office. They are \$2.50, \$3.00, \$3.50, and \$4.00. Mail orders will be accepted.

## Making the Scene

**THIS WEEK MUSIC**  
Gardner Museum—Oct. 20, Janet Winburn, mezzo-soprano, Myron Press, piano; program: Vivaldi, Sabat Mater; Joseph Mass, Lieder des Guckes; Bliss, American Poems. Oct. 22, Joel Sachs, program: Scarlatti, Two Sonatas; Webern, Variations for piano, op. 27; Schubert, Sonata, A major; Oct. 24, Leslie Holmes, soprano, Herbert Mayer, program: Wolf, Verborgeneheit Nimmersatte Liebe Mignon; Poulenc, Fetes Galantes; Herbert Mayer, O Come Quickly; Oct. 25, Joan Caplan, mezzo-soprano, Kenneth Manzer, piano; program: Handel, Vaghe puerle; Donizetti, Zelmide; Mahler, Das irdische Leben; Massenet, Letter scene; Barber, Hermit songs. All concerts at 8:00 p.m. Admission free.

New England Conservatory Symphony Orchestra—Oct. 21 at 8:30 p.m. Program: Walter Piston, Toccata; Robert Cogan, Fantasia; Leon Kirchner, Toccata; Anton Bruckner, Symphony No. 5; Jordan Hall; admission free.

Celebrity Series—Oct. 22, evening, London Symphony Orchestra; Oct. 25, afternoon, Byron Janis. Admission by Series ticket only.

Bob Dylan—Sat. Evening, Oct. 24, at Symphony Hall.  
Kresge Auditorium Organ Concerts—E. Power Biggs; Oct. 24 8:30; tickets \$1.50 each, \$4.00 series; no reservations.

Sacred Music Series—First Church, Cambridge, Oct. 25, 8:00; free.

**THEATRES**  
Boston University Theatre—'As You Like It,' by William Shakespeare, Oct. 22-24, 8:30 p.m.; \$1, \$1.50, and \$2.

Tuffs Arena Theatre—'Miss Jairos' by Michael de Ghelderode, Oct. 22-24, 8:30; tickets \$2.00.

**MISCELLANEOUS**  
New England Theatre Conference Convention—featuring lecture-demonstrations of theatre arts, Tufts University, Oct. 23 and 24 (all day) admission free.

Institute of Contemporary Art—Informal talk by Professor of Design Malcolm Grear on 'Communication by Design,' Oct. 25, 3:00 p.m.; \$0.25 (I.C.A. members free).

Museum of Fine Arts—Max Beckmann Exhibition; paintings, prints and drawings of the great German artist. Through Nov. 15; 50 cents. (Museum members free).

Boston Institute of Contemporary Art—Lecture by Herman Zaph on the alphabet. New England Life Hall.

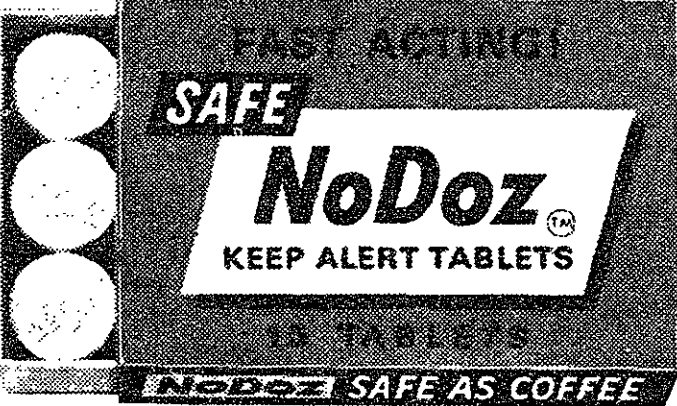
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October 24, at 8:30 p.m. Cost, \$1. Call 262-0500.  
The Ford Hall Forum—Lecture by Willem L. Oltmans, 'China's Woe of the Afro-Asian,' Oct. 25, Jordan Hall, 8:00 p.m. Admission free.

**NEXT WEEK MUSIC**  
New England Conservatory Chamber Orchestra—Oct. 28; Frederick Prausnitz, conductor; program Vivaldi, 'The Seasons,' Petrassi, 'Sonata da Camera,' Dallapiccola, 'Fregliere,' and Nono, 'Incontri'; 8:30 p.m.; Jordan Hall; admission free.

M.I.T. Concert Band—Oct. 31; John Cooley, director; M.I.T. Kresge Auditorium; evening; admission free to Technicians; \$1.00 to others.  
Folklore Concert Series—Doc Watson and Bill Monroe and his Bluegrass Boys; Oct. 31; Jordan Hall; 8:30 p.m. tickets \$2.20 to \$4.00.  
Cambridge Chamber Orchestra—Concert Nov. 1; program: Bach, 'Brandenburg Concerto No. 4,' (Telemann, 'Concerto in F' for recorder, Handel, 'Tria Le Flamme,' and Bach, 'Ricercare,' Peabody School Auditorium; tickets \$1.50.

**LECTURES**  
Ford Hall Forum—Walt Kelley (on political extremes), Jordan Hall, Nov. 1, 8:00.



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## LECTURE SERIES COMMITTEE CALENDAR

Contemporary Series	Entertainment Series	Classic Series
<b>THE DEFIANT ONES</b> Friday, October 23 7:00 9:30 26-100	<b>SEVEN DAYS IN MAY</b> Saturday, October 24 5:15 7:30 9:45 26-100	<b>WHAT PRICE GLORY?</b> Sunday, October 25 8:00 10-250 Admission by membership only

# theatre...

## Gypsy musical comes to Boston

By Sherry Gulmon

Combine a flamboyant, scrupulously dishonest Gypsy chief and his hoard with a female anthropology major seeking a tribe more primitive than those subdued by Schweitzer. Add a rival chief whose wild-eyed daughter is sick of the whole routine, a conscientious all-American police inspector, and the anthropologist's mother whose dead husband sends curses down from above. Set them all down in the vicinity of an abandoned store in the jungles of New York, and you have Kasha's *Bajour*, now playing at the Shubert Theatre in Boston.

*Bajour* is the Gypsy slang for a big swindle, and Cockeye Johnny's tribe hasn't accomplished a successful one in an uncomfortably long time. While anthropologist Kirsten eagerly jots notes, and detective MacNiall pants in the background, the tribe organizes the operation, and everybody, including the audience, has a riotously good time.

Gypsy of the year prizes go to Herschel Bernardi in his role as Johnny Dembo, and Chita Rivera as Anyanka, the perfect woman who can steal a wallet with her hands behind her back. Anyanka's Gypsyish gyrations are the high points of the choreography. Robert Burr is a little too serious as the police inspector with internal conflicts, but Nancy Dussault as the anthropologist manages to ignore him throughout most of the performance, as does the audience, except when she calls him, "Lou." Mae Questel is without question the show stopper as a sweet little dumpling of a woman who spends her time fondling

**'BAJOUR'** — by Ernest Kiney, directed by Kasha; starring Herschel Bernardi as Johnny Dembo, Chita Rivera as Anyanka, Robert Burr as the police inspector, Nancy Dussault as the anthropologist, Questel as the anthropologist's mother, at the Shubert Theatre.

eggs and practicing tribal wails when she is not being the anthropologist's mother.

Some of the songs just miss the balcony, but they are good enough to make you wish for a better seat, especially Nancy Dussault's tribal search number, starring the tsetse fly, in which her voice jumps back and forth from a throaty warble to a clear soprano.

Every Gypsy is every inch a Gypsy, and the stage is full of gaudy silk when it is not a sunny yellow G.E. kitchen. There are many scenes in each of the two acts, and the different sets

go shooting across the stage or falling from above with such startling rapidity that the audience is moving faster than the action itself.

Director Kasha has done a competent job of turning Ernest Kiney's script into a fun musical which is marred by neither tear-jerking sentimentality nor an aura of social unrest. Even when Anyanka says it takes guts to be a Gypsy, no one really agrees with her. The audience leaves laughing with only the moral that it often pays to be dishonest about being honest.

## Movies to be shown at IEEE meeting

Two Bell Telephone Laboratory movies will be shown at the meeting of the MIT Student Branch of the Institute of Electrical and Electronics Engineers, Thursday, October 22, at 4 pm in the Bush Room (10-105).

The movies to be shown are 'Brattain on Semiconductor Physics' and the 'Optical Maser.' The showing is open to the public without charge.

The Student Branch holds planning meetings on Wednesday afternoons at 2 pm in the Jackson Room (10-280). Members of the IEEE interested in planning future meetings have been invited to attend.

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## Saloma urges voters to think, then to vote

An MIT professor urges Massachusetts voters to think carefully, examine the candidates and study the issues of both parties instead of blindly voting a straight party ticket in the forthcoming election.

Dr. John S. Saloma, assistant professor of political science, stated the above views in announcing the formation of a committee to work to save the two party system in Massachusetts. The group feels that the Republican party is in danger of eclipse in Massachusetts.

## Movie Schedule

**ASTOR** — 'That Man From Rio,' 10:00, 12:20, 2:45, 5:00, 9:55.  
**BEACON HILL** — 'Topkapi,' no times available.  
**BRATTLE** — 'Resurrection,' 4:30, 7:00, 9:30; starting Sun. 'Muriel,' 5:30, 7:30, 9:30, mats. Sun. and Sat. 3:30.  
**CAPRI** — 'Lorne,' 10:50, 12:40, 2:30, 4:20, 6:10, 8:00, 9:50, Sun. 1:50, 3:40, 5:30, 7:20, 9:10.  
**CINEMA KENMORE SQUARE** — 'Girl With Green Eyes,' no times available.  
**EXETER** — 'Mafioso,' 2:10, 4:00, 5:00, 7:40, 9:30.  
**HARVARD SQUARE** — 'A Shot in the Dark,' 2:10, 4:00, 6:00, 8:00, 9:45.  
**KEITH MEMORIAL** — 'Send Me No Flowers,' no times available.  
**PARAMOUNT** — 'Kisses for my President,' 9:30, 12:25, 3:20, 6:20, 9:15, Sun. 1:00, 3:55, 6:45, 9:40.  
**PARK SQUARE CINEMA** — 'Seduced and Abandoned,' 1:30, 3:35, 5:40, 7:45, 9:55.  
**PARIS** — 'Cartouche,' no times available.  
**SAXON** — 'The Visit,' 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00; Sun. 1:30, 3:30, 5:30, 7:30, 9:30.  
**UPTOWN** — 'Marnie,' 12:50, 5:10, 9:30, Sun., 1:00, 5:15, 9:30; 'The New Intern,' 10:45, 3:00, 7:20, Sun. 3:00, 7:20.

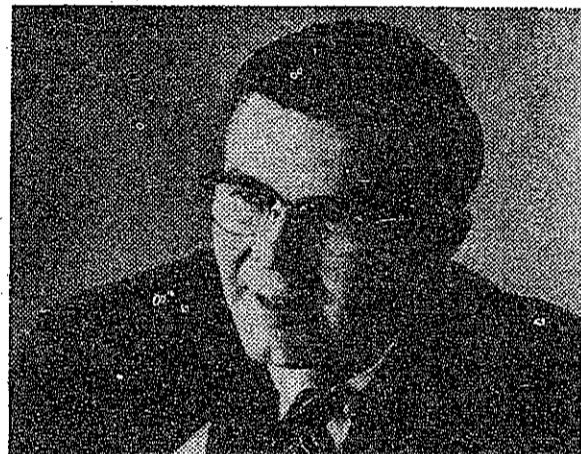
## Theatre Schedule

**CHARLES PLAYHOUSE** — 'A Touch of the Poet,' Wed. at 8:00, Sat., 5:30, 9:00, Sun., 3:00, 7:30, other evenings except Mon. at 8:30.  
**SHUBERT** — 'Bajour,' 8:30; mats. Wed. and Sat. at 2:30.  
**WILBUR** — 'I Was Dancing,' a new comedy starring Orson Bean, Burgess Meredith, and Pert Kelton, eves. 8:30, mats. Wed. at 2:15, Sat. at 2:30.

**Be Sure to VOTE!**  
**Tuesday**  
**October 27, 1964**

## STEP FORWARD WITH FORD MOTOR COMPANY

*An Open Letter to the 1965 College Graduate from Donald N. Frey, Assistant General Manager, Ford Division of Ford Motor Company*



Donald N. Frey was awarded a bachelor's degree in metallurgical engineering by the University of Michigan in 1947 and a doctorate in 1950. One year later, he joined Ford Motor Company as manager of the Metallurgical Department in the Scientific Laboratory. In 1962, Dr. Frey was appointed assistant general manager of the Ford Division with responsibility for all engineering, product planning and purchasing activities. He is 41 years old.

America's automobile industry is in the midst of a challenging era, with prospects of an even more exciting and demanding tempo in the years to come. Ford Motor Company is determined to achieve leadership in all phases of its operation. This leadership promises to bring lasting success to the company, its employees and its stockholders.

It will take people to accomplish this objective. Engineering, finance, styling, marketing, product planning, sales—all require people with the knowledge, judgment and personal drive to avail themselves of the unprecedented opportunities offered by a great industry.

The automobile business is growing. More cars are being bought now than ever before. With increases in population and consumer buying power, even more will be bought in the future. Realizing this, Ford Motor Company seeks to attract college graduates who have the capacity to grow with the company and the market.

Right now, our plans call for employing about a thousand of the best 1965 graduates we can find, with all types of educational backgrounds. We need specialists, but we also need persons with broad liberal-arts training who can handle a wide variety of assignments. Actually, in our company, many graduates grow into jobs totally unrelated to their degrees. They have discovered that Ford offers intellectually challenging opportunities for those with the ability to seize them. We invite you to make the same discovery.

Contact your Placement Office and arrange to see our representative.

*Donald N. Frey*



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## Marketing meetings forthcoming

The Boston Chapter of the American Marketing Association will present the first of a series of six meetings on marketing research, October 28. The luncheon meeting will be held at the MIT Faculty Club at 12:15 p.m.

The speaker is Robert C. Brown, Senior Staff Member of the Operations Research Group at Ahrtur D. Little, Inc., where he is responsible for developing and coordinating research on forecasting.

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## Create phonon-maser

# Prof. Townes does new laser work

by John Blankinship  
Prof. Charles Townes has done it again, this time with sound of the highest frequencies ever generated. Prof. Townes, who is the inventor of the maser and laser, regards his most recent accomplishment as a new probe into the study of liquid and solid structures.

The experiment conducted last spring essentially involves the bombardment of sapphire crystals by a high intensity laser beam. Recently thought of as a definite possibility, Prof. Townes and his colleagues, Raymond Chiao of MIT and Dr. Boris Stoicheff of the National Research Council have done just this.

They worked with lasers concentrated to an intensity of a million megawatts per square centimeter. The theory is that if the light is sufficiently intense, its electric field can cause the material to

contract. This produces the hyper-sonic acoustic oscillations. Using sapphire crystals, frequencies of 60000 megacycles were reached.

While typical lasers are quite harmless, lasers of this degree, if found in the wrong hands, may never find these hands again. Due to the rapid vaporization of tissue water, protoplasm is readily homogeneously diffused.

Prof. Townes has also observed that unlike normal light diffraction in glass, intense laser beams are drawn into slithers of light only one wavelength in width. He hypothesizes that the rapid contraction of the material focuses the light into the medium of highest density.

The so-called phonon-maser should make available a whole new range of hypersonic frequencies. Interestingly, Prof. Townes cherishes to call the device a phaser, but he commented that its

## High frequency probe

name has already been given to another apparatus.

Unfortunately his phonon-masers are hard to work with and easily absorbed. They consequently offer no practical applications as of yet. Their significance is strictly in research, making it possible to investigate the relationship between the thermal, electrical, optical, and mechanical properties of solid matter and its atomic structure.

Prof. Townes' works has appeared in "Science News Letter" for June 6, 1964 and "Physical Review Letters" for May 25, 1964.

## Schevill to give reading of his poetry tomorrow

The poet James Schevill will read from his works tomorrow at 4 p.m. in the Hayden Library Lounge.

The event marks the beginning of this year's series of professional poetry visits, sponsored by the Department of Humanities.

Purpose of the informal gatherings is to "stimulate interest" in poetry here, according to Professor T. Wood Jr., co-director of the series. Professor Wood expects in the neighborhood of six such readings this academic year, "by and large, from younger poets."

Former visitors to such M.I.T. readings have been: Wendell Berry; J. V. Cunningham; Samuel Albert, John Holmes, Maxine Kumin, and Anne Sexton (simultaneously); X. J. Kennedy; Denise Levertov; and Richard Wilbur.

Professor Wood noted that the vast majority of the poets contacted have accepted. He hopes to encourage the visits of Adrienne Rich and Robert Lowell this year; but so far — "nothing is definite."

For about six years now, poets of varying quality, backgrounds, and styles, have read and criticized their own works before audiences of modest size in the Hayden Lounge. Local area residents have turned out in some number when the events were advertised.

In an effort to increase the size of the audience, the department is experimenting with times in the late afternoon for the increased convenience of those who would like to attend.

Almost all of the sessions have been taped by WTBS. These recordings are broadcast over their facilities at a later date; and the Department of Humanities receives a copy from them for their collection.

## Study opportunities

As announced last week in The Tech by Professor John Norton, a meeting will be held to describe study opportunities abroad for both graduates and undergraduates. The meeting will be held tomorrow, Thursday, October 22, at 5:15 pm in the Kresge Little Theater.

This meeting is sponsored by the Incomm foreign opportunities committee.

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We Will Visit Your Campus October 27

## Cherchez la Femme

### BU computer mixer is back again

Cherchez goofed. Last week no less than six mixers were held which weren't reported. They were reported this week by a host of apologetic females unequalled in magnitude by even the groups at the mixers (or so I gathered).

With such talents as this, this columnist feels lucky to be alive (the talents including being fast on one's feet). But then it was never claimed that Cherchez was a comprehensive list.

However, better things are in store for this week. First, for those of you still interested in the computer mixer, it is up again. It seems that replies to the questionnaires haven't been coming in as fast as was expected, so more will be sent out. The first 200 received will be paired, and any which

arrive later will lose. There are still plenty of places, however, and you still see what the infernal machines think is your type of girl. The girl to call for invitations is Anita Sherburn, CO 7-7600, extension 122. Those of you who haven't already sent in your questionnaires, hurry. You have a week at most, and the admission is limited.

This week has four mixers. Leading off is the Wheelock mixer, which has been moved to COLCHESTER HOUSE, 116 Colchester Street. The mixer will be Friday from 8:00 to 12:00, and will have a band. For invitations call Carroll Bowling, LO 6-8795.

Also Friday is a mixer at Massachusetts General Hospital's dormitory at 20 Charles Street. The mixer is open and will run from 8:00 to 12:00. The mixer will be for the entire school of nursing.

Saturday will have two mixers at Wellesley. One, for new dormitory residents, will be at Alumni Hall. The other will be in Munger Hall, for the girls in that hall. Both will run from 8:00 to 12:00, and refreshments will be served.

For those who plan ahead, although not as far as was mentioned last week, here are some things to plan ahead for:

Boston University dorms have three mixers at least tentatively planned. Two of them will probably be the first week in November (one, at Marlboro House, is definitely Nov. 6). For invitations to the Marlboro House mixer, call Louise Rice, at 247-7844. The second, which is not definite yet, will be at Brook Hall. And on November 20 West Campus has tentative plans for a mixer.

Finally, two other places will be giving mixers, but won't tell Cherchez. One is Simmons, whose individual dormitory mixers will run from the first weekend in November to Thanksgiving vacation. The only way to find out about these is to ask Simmons girls you know to put you on the list for invitations.

Second, Radcliffe dorms will also be giving mixers soon. There again, the only reliable way to get information and invitations is to establish contacts at Radcliffe. So get out there and fight.

### Pritchett Lounge adds pool table, pizza, games

Under the supervision of Robert Raddochia, Pritchett Lounge is now operating as a combination snack bar and entertainment center. As part of a complete redecoration of the Walker Memorial Lounge, the Institute installed a pool table, pizza oven, and coin-operated games.

The lounge now features breakfast specials on the weekend when Morss Hall is closed. The hours have been announced as: Weekdays, 11 a.m.-12 p.m.; Saturday, 8 a.m.-12 p.m.; Sunday, 9 a.m.-12 p.m.

Magazines, paperback, and toiletry articles have also been added to the past offerings of candy and cigarettes.

In the future, Mr. Raddochia said, the Blue Room will be open at all times for student activities. This room, extending off of Pritchett, can be used by all students for activities such as bridge, chess, or studying.

**Be Sure to VOTE!**  
**Tuesday**  
**October 27, 1964**

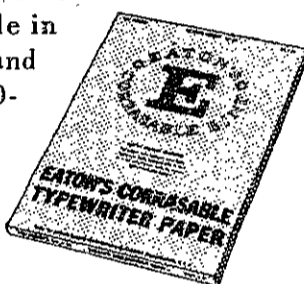


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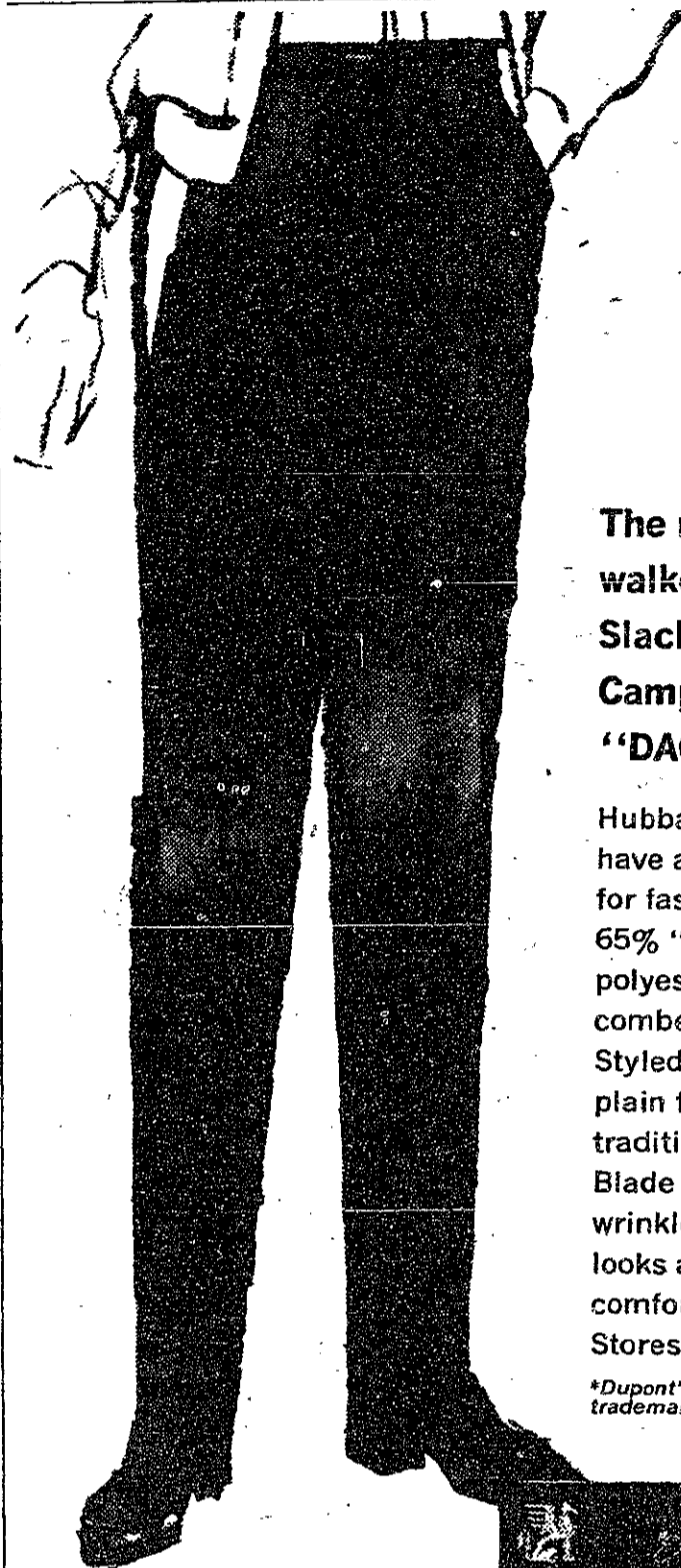


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**Interviews Nov. 17, 18**

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## Presidential straw vote debates continue

**Johnson**

by Walter L. Bass

Today the United States is undeniably the most powerful, the most wealthy, the most respected nation on earth. Yet in the face of American prosperity and prestige all is not well: our cities are blighted with slums and choked by traffic; our rivers and the air we breathe are polluted with the waste products of modern civilization; our beautiful countryside is rapidly disappearing; millions of talented young people are deprived of the opportunity to educate themselves to the full extent of their abilities solely because they were born of the wrong parents; and even today individual liberty and freedom remain but empty words and unfulfilled promises to many Americans. President Johnson has worked for the eradication of these ills and injustices through programs based on Federal cooperation with state and local governments with the announced goal of transforming American civilization into the Great Society.

Freedom has been an important issue in this campaign, and freedom is the very foundation of the Great Society—true freedom for all Americans: freedom from crushing environmental forces, both natural and manmade; freedom from economic and social stratification and oppression; and, most important of all, freedom of the individual to think, to believe, and to speak as his conscience dictates without governmental or social pressures for conformity.

Under the Kennedy-Johnson administrations America has moved toward the Great Society with the Housing Act of 1961, the Mass Transit Act of 1964, the Water Pollution Control Act of 1961, the Clean Air Act of 1963, the Water Resources Research Act of 1964, the Wilderness Preservation Act of 1964, the Higher Education Facilities Act of 1963, the Vocational Education Act of 1963, the Manpower Development and Training Act of 1962, and the Civil Rights Act of 1964. But this is only a beginning, and the central domestic issue of the present campaign is whether we will continue progress toward the Great Society under men dedicated to the future or revert to a policy of stagnation and retreat under a man who has declared that his "aim is not to pass laws but to repeal them . . . not to inaugurate new programs, but to cancel old ones." The problems of America in the 1960's call for men of vision and proven ability, for men who have not only ideals but also the will and the capacity to turn their ideals into reality, for men who have programs for the future rather than slogans for the past. Compare the records and the public statements of the candidates, and I am sure that you will join me on October 27 in voting for Lyndon Johnson and Hubert Humphrey.

**Goldwater**

by David F. Nolan

The man who currently lives in the White House, thanks to a Marxist assassin, has adopted as one of his campaign slogans the phrase "Let us continue." The question is, how?

Are we going to continue to have riots throughout the country, as we have had the past two years? Riots where many innocent people have been killed, hundreds injured, and millions of dollars worth of property destroyed or stolen—riots where state and federal troopers with dogs and tear-gas have had to be called in?

Are we going to continue to have our crime rate increase at 10% per year, a rate faster than ever before?

Are we going to continue to increase the national debt by pursuing the buy-a-vote and rent-an-ally policies of the present administration?

Are we going to continue to have a wall in Berlin, which will stand there until the Soviets build another one, further west?

Are we going to continue to have Russians in Cuba, using the isle of the bearded dictator as a launching-point for subversive activities throughout the western hemisphere?

Are we going to continue to have American soldiers killed in Viet Nam, fighting in a war that isn't, where we aren't even trying to win, but only to maintain a million-dollar-a-day stalemate?

Are we going to continue to permit American planes to be shot down, and American boats to be attacked in international waters?

Are we going to continue to give wheat to those dedicated to "burying" us, and money to countries which refuse to pay their debts to the US and the UN?

And speaking of the UN, are we going to continue to let the Soviets have a share in a supposedly cooperative attempt at world government, when they have refused to pay their dues for years?

Are we going to continue to let our government be run by people like Bobby Baker and Wally Jenkins for the benefit of wheeler-dealer "fertilizer kings?"

We say, "Let us discontinue." Now, at a time when Russia has returned to a "hard-line" Communist government and our closest ally, Britain, has gone socialist, we must discontinue our blundering and equivocation, and return to the original American tradition of making freedom for our country and our world the number-one goal—a tradition which made this nation at one time the undisputed leader of the world—rather than following an ADA-designed blueprint for mediocrity and oblivion.

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## CAMPUS INTERVIEWS

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## Sailing team qualifies 2nd Fresh B-ball tryouts to be held Oct. 28th

By W. Thomas Compton

The sailing team lost another one, this time at the qualifying round of the N.E.I.S.A. Team Racing Championships at Coast Guard. MIT came in second behind University of Rhode Island. Last week the Engineers lost their first in almost a year. Tech was tied with URI at the end of Saturday's racing. Both were so far ahead of Boston University, Trinity, and Yale that MIT decided to forfeit first place and leave a day early.

Only two schools raced at a time, each with a full team of four boats. In their first race, Tech was upset by URI as URI took 1-3. MIT and URI both went on to beat all the other schools. When they met again, they switched boats and MIT took 1-2-3-4.

URI qualified in first place, and MIT qualified in number two spot. Next weekend they sail for the Nevins Memorial Trophy at Kings Point, New York.

### On Deck

#### Wednesday, October 21

Cross Country (V) Boston College, Away, 4:00 pm

Cross Country (F) Boston College, Away, 4:00 pm

Soccer (V) Boston University, Away, 2:30 pm

#### Friday, October 23

Soccer (F) Belmont High School, Home, 3:00 pm

#### Saturday, October 24

Cross Country (V) Coast Guard Academy, Home, 3:00 pm

Cross Country (F) Coast Guard Academy, 3:30 pm

Sailing (V) Nevins Memorial Trophy at Kings Point, NY (thru Sunday)

Soccer (V) Springfield, Home, 2:00 pm

#### Sunday, October 25

Sailing (V) Heptagonal at Coast Guard

Sailing (F) Octagonal at University of Rhode Island

#### Tuesday, October 27

Cross Country (V) Northeastern and Tufts, Away, 4:00 pm

Cross Country (F) Northeastern and Tufts, Away, 4:00 pm

Tryouts for this year's freshman basketball team will be held in the Armory on Wednesday, October 28 at 5:15 p.m. Anyone who is participating in a fall sport and would like to tryout at a later date should notify Coach Singal before the first tryout. All others should be present and ready to play at the above time.

### Squash enthusiasts!

There will be a rally to begin the varsity and freshman Squash Team seasons at 5:00 pm in the T-Club lounge in the Armory on Thursday, October 29. Anyone interested should come. Experience is not a necessity. No obligation.

### CLASSIFIED ADS

For our present 3.14 class, we need second-hand copies of Volume III, *Mechanical Behavior of Materials—STRUCTURE AND PROPERTIES OF MATERIALS*, by Hayden, Moffatt and Wulff, published by M.I.T. Please contact Mrs. Stratton, Rm. 35-316, Ext. 3231, if you have a copy to sell.

## Heritage of Tech Sailors: Eleven national champs

By Jerrold M. Sabath

As this year's sailing season draws rapidly to a close, it is interesting to take a look at the development of this sport at the intercollegiate level of competition.

The first college yacht clubs were founded in the 1890's at MIT, Brown, Harvard and Yale. Little interest in intercollegiate competition developed, however, until after the first World War. Following the initial running of the renowned McMillan Cup, the Intercollegiate Yacht Racing Association was formed by the above colleges and, in addition, Dartmouth, Cornell and Williams.

College fleets came into being in 1935 at Princeton University. The following year, under the direction of Professor Schell and the late George Owen, the MIT Boathouse was constructed and dinghies were designed. Financed by generous alumni and sailing enthusiasts, the original forty boats constituted the largest college fleet for many years.

Prior to World War II, a wide variety of sailing competitions were initiated. Among them were several which survived the war and are still popular: the Pentagonal Regatta, the Oberg Trophy, and the Schell Trophy are just a few.

Today, intercollegiate sailing reaches all the way across the United States as well as into Canada. The nation is divided into six sections under the jurisdiction of the Intercollegiate Yacht Racing Association of North America. Each year, two winning colleges from each section compete for the national championship.

The sailing team at MIT is constantly superior to the teams representing other colleges. In the twenty national competitions, Tech has taken the championship eleven times and placed fourth or higher in nearly all the others. This year the team did as well as usual, winning all four trophies it entered.

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Boeing is one of the nation's major manufacturers of heavy transport helicopters (Vertol), and for more than two decades has pioneered most of the world's applications of the small gas turbine in aircraft, industrial, marine and vehicular fields.

And the space age? Boeing's contributions here include major contract responsibility for the Minuteman ICBM and NASA's Saturn V Booster—the launch vehicle destined to send America's first lunar landing team to the moon. We're also working full blast in all other phases of space-flight, including a manned earth-orbiting laboratory and a lunar orbiter.

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physics, nuclear and plasma physics, terrestrial and space flight sciences and allied human factors.

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We're planning to interview engineering and science seniors and graduate students on campus on the date listed below. So drop in at your campus placement office and arrange an appointment. We'll be looking forward to meeting you.

Monday through Thursday — November 2, 3, 4 and 5

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# Orange Autocross held Oct. 9-10-11

By Mark Wallace

The ninth Orange Autocross, sponsored by the MIT Sports Car Club, was held at Orange Airport, Orange, Mass., on October 9, 10, and 11. Car inspections and practice were held on Friday and Saturday, with the finals taking place on Sunday afternoon. A field of 54 entrants was sectioned into six classes, with trophies being awarded in each class.

## Ziegel best overall

Parachutes Incorporated, based at Orange Airport, gave a free first jump course to the driver who beat the average time in his class by the largest margin. The prize went to Bob Ziegel, driving an MGA in class 4, who was 10.8 seconds faster than his class average over the 1.5 mile course. He beat the number two car in class 55.6 seconds.

A class 1 Ginetta, driven by alumnus Monty Wells '60 had the best time of the day. His run of 1:32.22 won by only 0.32 seconds. StingRays took 2nd to 5th places with the first four cars all lowering the old lap record of 1:38.

Joe Doering, driving a Jaguar X-KE in class 2, also broke the record with a time of 1:35.42, some 4.58 seconds ahead of the 2nd place X-KE. Corvettes took 3rd to 6th places. Babson Institute Sports Car Club Austin Healey 3000 took 1st and third in class

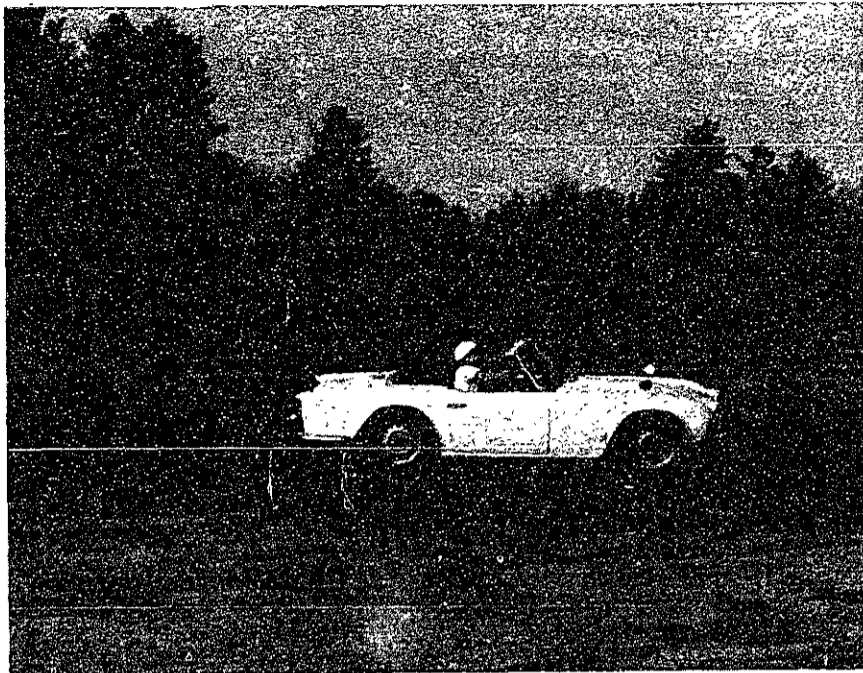


Photo by Aubrey Grey

Bob Clark '64, driving a 1963 TR-4, has just finished taking a hairpin turn around the haybale. Clark, a member of the MIT Sports Car Club, finished 7th in his class in 1:47.71 for the 1.5 mile course at the Orange Airport.

3 as Richard Marks '62 took second in a Triumph TR-4. Bob Ziegel, also of BISC, led three MGAs in a sweep of class 4. MG Mid-gets, led by Clarence Luck, took 1st, 2nd, and 4th in class 5, while Ken Hablow won the sedan class in a Corvair.

## MITSCC wins team title

The three-man team of MITSCC

won the team title handily. The scoring is based upon how far back each team member finishes from the winner of his class. Our team had a score of a little over two seconds total. The MITSCC is meeting today in room 4-270 at 7:00 p.m. All interested persons are invited to attend.

# IM wrestlers go at it next week; 8 individual titles up for grabs

Intramural wrestlers will soon be taking to the mats again in hopes of gaining individual and team titles. This year's meet will be held next Friday and Saturday, October 30 and 31.

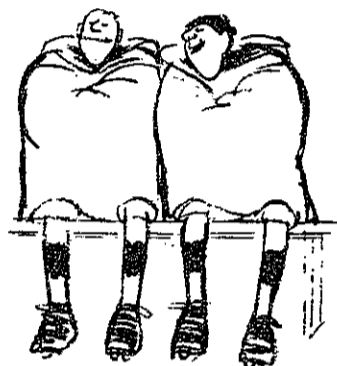
Over 150 grapplers from at least 30 teams are expected to be shooting for the title grabbed up by Lambda Chi Alpha last winter. Last year's matches saw some 140 individuals representing 33 teams shoot for the eight individual titles. More than 150 spectators crammed the wrestling room to cheer them on.

The tournament will be run strictly according to collegiate rules, except for the length of the periods. The matches will consist of three one-minute periods with overtime periods of one minute in case of ties. Determination of winners will be on a modified double-elimination system. A wrestler who loses a preliminary match is out of contention for first or sec-

ond, but if the man who defeats him continues to win, the loser will be given a spot in the consolations and a chance for third or fourth.

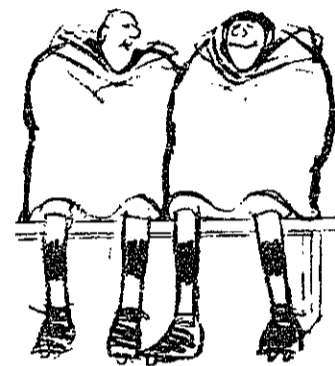
Competition will be held in the eight normal collegiate weight classes, 123, 130, 137, 147, 157, 167, 177, and unlimited. Weigh-ins will be held Friday afternoon before the matches in the training room in the main locker room in duPont from 1:00 p.m. to 4:00 p.m. Wrestlers must make weight by 4:00 Friday or be ineligible to wrestle in that class.

The matches through the championship semi-finals and the quarter-final consolations will be held Friday night beginning at 7:30, and the rest will be wrestled Saturday afternoon beginning at 1:00. Intramural managers Stan Wulf and Brook Landis encourage any and all interested Techmen to turn out and are hoping for a huge crowd to continue the huge support given the sport.



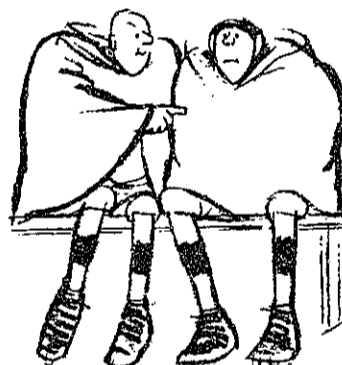
1. Now that we're 21 we have a lot more responsibility.

Now we make the decisions.



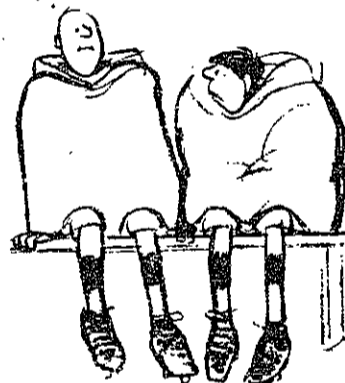
2. Right. And this year we have a big decision to make—who gets our vote for President.

I've already decided to vote for the candidate of my choice.



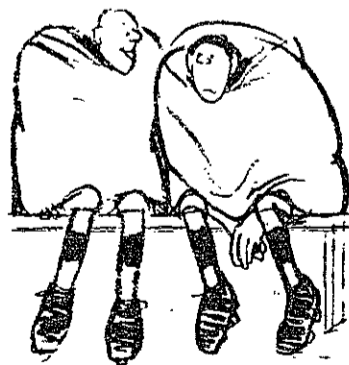
3. Your decision should be based on what the candidate stands for. For example, does your man's fiscal policy square with your philosophy on the matter?

I hope not. I never could handle money.



4. Then how do you expect to go out into the world, support a wife, raise children, and be a two-car family?

I wish I knew.



5. Let me give you a piece of advice that will help you off to a good start.

I'd sure appreciate it.

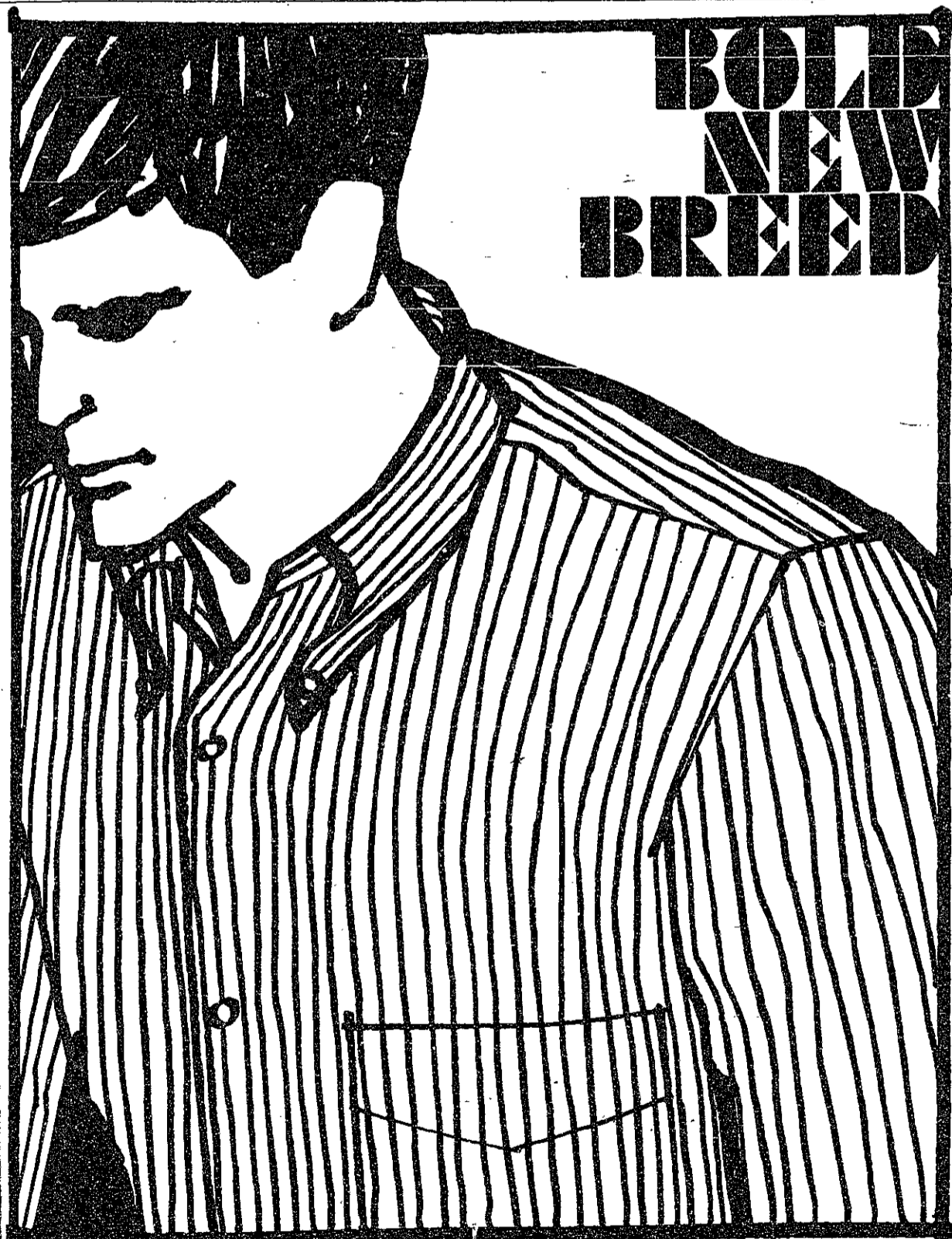


6. Soon as you get a job, put some dough into cash-value insurance, the kind they call Living Insurance at Equitable. It gives your wife and kids solid protection and it automatically builds a cash value you can use instead for retirement or whatever you like.

Say, why don't you run for President?

For information about Living Insurance, see The Man from Equitable. For complete information about career opportunities at Equitable, see your Placement Officer, or write to Edward D. McDougal, Manager, Manpower Development Division.

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## Hedberg low man

# Golfers 2nd in match

By Gerry Banner

Captain Tom Hedberg '65 shot a blazing 73 to lead the MIT golf team to a split in a triangular match with Boston College and Babson Institute at B.C. last Wednesday. The Techmen trounced Babson 6½-½ but were just shaded by B.C. 4-3 when several close matches failed to go their way.

Hedberg's 73 is the lowest round shot by an MIT golfer this fall, and he had little trouble with either of his opponents. Dick Shoemaker '65 with a 77, and Ron Olson '65 with an 82 also scored double victories. Playing in the number one position, Al Poegler '65 defeated his Babson opponent easily with a 78 but lost his other match on the 19th hole.

Second man Pete Lubitz '65 lost his first individual match of the season to B.C. despite a fine 77; however, a victory against Babson earned him a split. Dave Macmillan's 85 was also only good enough for a split, as he lost in extra holes to B.C. Dick Caton '67 was slightly off form in his first appearance for the varsity, but he still managed to tie his Babson opponent.

As evidenced by the several extra hole contests, the match with B.C. could just have easily gone our way. Poegler, the only one to qualify for the E.C.A.C. finals, elected not to go because the team did not qualify as a whole.

The Tech golfers put their 2-3 fall record on the line in their final match of the year against Brandeis and Babson on Monday, October 19.

## Frosh sports

# Soccermen win one, lose one

By John Kopolow

The MIT freshman soccer team continued its .500 pace for the season by beating Tufts and losing to Harvard last week. The contest against Tufts was originally scheduled for Thursday, but the team was notified about the change to Tuesday less than an hour before gametime. The occasional sloppy play of both teams and Tech's failure to cash in on their opponents' mistakes made the game a close one, 1-0. The lone MIT goal was scored by George Busby in the first period.

The game against Harvard is one that Coach Bill Morrison and the entire team would certainly like to forget; the final score was Harvard 9, MIT 0. It was only 1-0 at the end of the first period, but then the roof fell in on the Techmen. Harvard scored three quick goals as the MIT defense fell apart, and our offense never did start rolling. Tech will now have to win both of its remaining games against Belmont High School and Philips Exeter to end the season with a winning record.

### Cross-country

The freshman cross-country squad is still looking for its first victory after being soundly trounced by the University of New Hampshire last Saturday. UNH captured the first nine places in running up a perfect score of 15 to MIT's 52. Dan Hoban finished first for Tech (tenth in the race) with a time of 15 min., 2 sec. over the 2.6 mile course. Sherman Hannah was right behind him at 15 min., 13 sec. This afternoon at Boston College the Harriers will be trying to improve on the second place finishes they have had in their first three races.

## How They Did

### Cross Country

New Hampshire 20, MIT (V) 39  
New Hampshire 15, MIT (F) 52

### Golf

MIT (V) 6½, Babson ½  
Boston College 4, MIT (V) 3

### Sailing

MIT (V) placed second in NEISA Preliminaries "A"

### Soccer

MIT (V) 4, Tufts 2  
Amherst 1, MIT (V) 0  
MIT (F) 1, Tufts 0  
Harvard 9, MIT (F) 0

## the sports spot

Most of you have been reading this paper for some time and are such sports fans that you turn to the back page first (as this writer does) will not this as a new column. It will serve as a general sports forum, including features on top teams and individuals, and as an airing point for some of the problems on the MIT sports scene.

This new column also emphasizes some other changes on the sports page. This winter, more importance and space will be given to the intercollegiate program, in line with the publicity work done by the sports information office and the Athletic Association. Intramural sports, especially the minor ones, will often be given only space for scores, although all championships and major sports will be given regular stories. Comments and suggestions, along with items you might feel deserve space in this column, should be addressed to the sports editor.

### Fall sports notes

The fall sports scene looks as it has in a long time. The combined records of the varsity squads reveal a very good record. They are led by the sailing team, ranked 2nd nationally, who have a 4-0 record in championship tra-

phies, with two seconds in qualifying meets. They're led by Terry Cronburg '66, undisputed champion of New England waters, having won some 95% of his races, really a feat in this type of racing.

Sumner Brown '66 continues on his winning and record-setting ways, leading the all-lettermen cross-country team to a 3-2 record. Brown goes to the small-college nationals in November hoping to improve on his 19th place of last year.

The golf team has improved greatly over their spring record, finishing fourth in the Greater Boston meet and compiling a 2-3 season. The tennis team has also done well, picking up a 2-0 record along with 5th place in the ECAC tourney against the top teams in the East. They have looked so good this fall that they are favored to win the first annual Brandeis Invitational to be played next weekend.

The fall baseball record also points toward better for the future on the diamond as the team went 3-1 with a line-up loaded with sophomore talent. The soccer team has started slow with a 2-3-1 record halfway through the season. Captain and high-scorer Ed Roberts '65 should get the team

# Booters overpower Tufts

By Jack Seaquist

Led by two-goal performances by Nick Stepaniuk '65 and Capt. Ed Roberts '65, the MIT soccer team was able to power by the Tufts squad by a score of 4-2 in a locally televised game played at Tufts, Thursday.

The Techmen were victims of circumstance, however, on Saturday as they dropped a hard fought, rain soaked game by the score of 1-0 to Amherst College at Amherst, Mass. The lone score came about as a result of a Tech miscue caused by the virtually flooded playing field. The rest of the game was dominated by MIT,

although they were never able to get the ball into the Amherst goal where thirteen of their shots were turned back.

The Tufts game was a well-played team effort. The scoring was opened by Tufts as Kauffman kicked in the first of his two goals. The second period featured two goals by MIT as Stepaniuk and Roberts each pushed in one. This gave the Techmen a lead that they never lost.

The third period was scoreless, but the fourth period was highlighted by another two goals by MIT, and one score for Tufts. As in the second period, the goals

were scored by Stepaniuk and Roberts.

These men were not the only keys to MIT's success, for the entire team was praised for an excellent performance. In particular, Mohamed Chikhaoui '65, stood out with two assists, both on Stepaniuk's goals, and Rick Gostyla was cited for an outstanding defensive game. Goalie Avram Markowitz amounted 10 saves, and he added another six in the Amherst game. The future looks bright for soccer at Tech, as both Gostyla and Markowitz are members of the class of '67.

The team will now take a 2-3-1 record into this week's games as they will go to Boston University to play a game that will be taped and replayed later in the week on WGBH-TV channel 2. Check local listings for the exact time. On Saturday, MIT will host powerful Springfield College at 2:00 pm, at Briggs Field.

# Sailing team wins Oberg Trophy: Undefeated in trophy competition

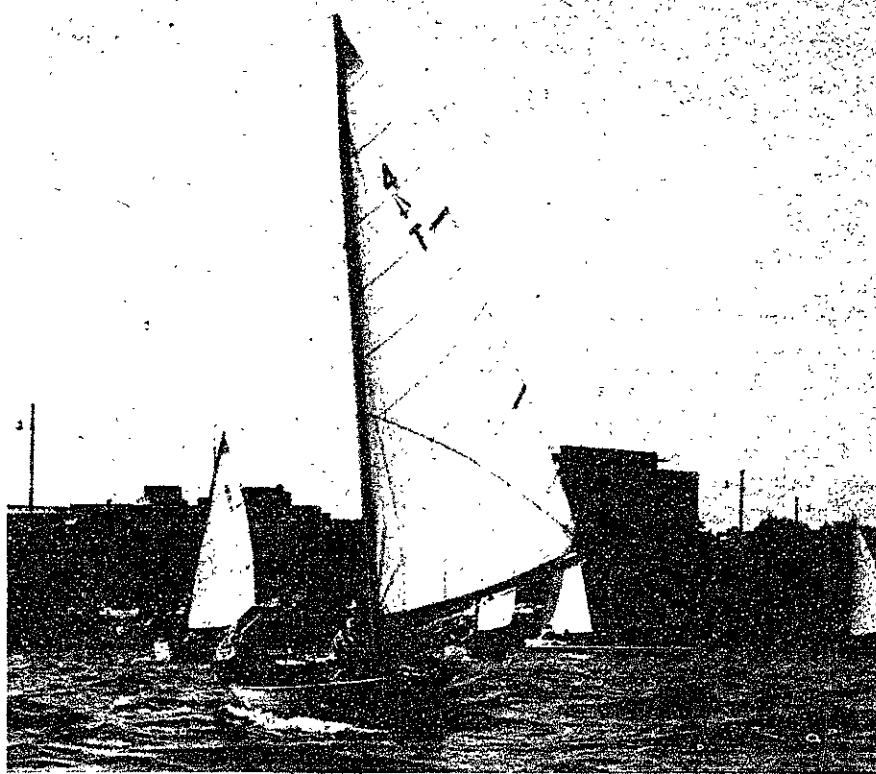


Photo by Saul Mocallem

Skipper Ed Shaw '65 (left) and crew Jim Cronburg '67 lead the fourth race on the way to one of their three firsts. The A Division competition took place in the Oberg Trophy races on the Charles River Monday, October 12.

# Ruggers lose to Harvard

by Neal Gilman

Overpowered by a spirited Harvard team, the MIT Rugby club lost two games last Saturday in a match at Harvard. With these two defeats, 6-11 and 8-19, the season's record is brought to no wins and four losses.

For both games, the team had trouble handling the slippery ball. Playing on a muddy field, the team was forced to emphasize the kicking game.

In the first string game, MIT was the first to score. Tom Van Tienhoven '66 took advantage of an offside penalty kick by successfully place-kicking a 27 yard field goal. MIT, however, lost its three point margin when Harvard scored a try and conversion for 5 points. In the second half, Harvard scored another three points by kicking a penalty goal. Van Tienhoven then scored another 3 pointer, bringing the score to 6-8. With about two minutes left in the game, Harvard scored another penalty goal, bringing the final score to 11-6.

MIT's main difficulty in the game was their failure to stop the Harvard rushes and to pick up loose balls. Harvard, out-jumping the MIT players, was most successful in the lineouts.

In the second string game, MIT did well until the second half. In the first half, Harvard promptly scored a try and conversion. MIT immediately bounced back, scoring 5 points. Prof. Gordan Oates kicked a 3 point goal, after an earlier conversion, but Harvard scored three more penalty goals and a converted try for a final score 19-8.

The Rugby team travels to Harvard Business School on Wednesday, Oct. 21 and to Old Blue in New York on Saturday, Oct. 24.

# Harriers fall to UNH; Brown still undefeated

By Armen Varteressian

The Tech harriers suffered their worst defeat so far this season when they took a 20-39 drubbing from U.N.H. last Saturday. The sole obstacle to a perfect score for U.N.H. was Tech's Sumner Brown '66 who rolled to 1st place in a field of 19. Brown ran the 4.7 mile course in 24:02. He was followed, however, by all five U.N.H. scorers.

The four Tech scorers following Brown were Bill Purves '66, placing 7th in 25:36; Dick McMillin '65 placing 9th in 25:52; Rob Wesson '65 10th in 26:05; and Mike Oliver '65 12th in 26:57.

Placing 2nd through 6th for U.N.H., in order, were: Jeff Renau, 24:16; George Estabrook, 24:23; Harold Fink, 25:05; Bob Walther, 25:20; and Donald Dean, 25:29.

The Techmen have two meets coming up this week. This evening, MIT runs against Boston College at B.C. at 4:00, and on Saturday Tech faces the team from the Coast Guard Academy. Saturday's contest will be run in Franklin Park.

The loss to U.N.H. brings MIT's season record to 3 victories against 2 defeats.

## Intramural Results

### Tennis

Chinese Students 5, Burton B 0  
Grad House 5, Sigma Alpha Mu 0  
Theta Delta Chi 3, Senior House 2  
East Campus A 3, SAE 2  
Baker House 5, Sigma Chi 0  
Alpha Epsilon Pi 5, Burton C 0  
Phi Gamma Delta 4, Sigma Nu 1  
Delta Upsilon 4,  
Alpha Tau Omega 1  
Lambda Chi Alpha 3, Delta Psi 2

Second-class postage paid at Boston, Massachusetts. The Tech is published every Wednesday during the college year, except during college vacations, by The Tech, Room 30-211, Walker Memorial, 132 Memorial Drive, Cambridge, Massachusetts 02138. Telephone (Area Code 617) 876-5555, and 876-5500 extension 2131. United States mail subscription rates: \$2.75 for one year, \$4.50 for two years.